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The Birds of Gujarat: Status and Distribution

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Introduction:

Gujarat (20° 01' to 24° 44' N, 68° 03' to 74° 24' E), situated in western India, has diverse habitats and a varied birdlife. The main regions of Gujarat are Kachchh, Saurashtra and mainland Gujarat (which includes South Gujarat, North Gujarat and the area in between, which can be referred to as Central Gujarat). These regions have varied habitats, with the moist, deciduous forests of South Gujarat to the deserts of Kachchh. Hence there is great diversity in the bird life seen here. The varied habitats, along with a culture of non-violence towards wildlife, have made Gujarat a premier destination for bird watching in India.

Gujarat has always been lucky to have ornithologists and dedicated bird watchers. Major surveys and specimen collections were done here before independence. A checklist of birds of Gujarat was published by Bird Conservation Society, Gujarat (henceforth BCSG) in 2004, which lists a total of 526 species (Parasharya *et al.* 2004). In the last 15 years, due to the advent of digital cameras and well illustrated field guides, there has been an explosion in bird watching activity in the state. Reports of birds on social media websites like Facebook, and other networking sites and internet groups, trip reports etc. have added to our knowledge of birds of Gujarat.

Building on the checklist made earlier by BCSG, an attempt is made here to update the same and provide basic details about the status and distribution of birds occurring here. Recent well documented records and historical records (from books, journals, periodicals etc.) were collected and a comprehensive list is presented here. All the recent field guides are quite inadequate regarding the distribution of many species of birds in Gujarat. The distribution given here is only indicative and further data is required to get the detailed distribution of certain species. A total of 574 species are listed here, with a further 25 species given as hypothetical / unverified or incorrectly listed.

With reference to the list given below:

Serial number is given first, common name is given next and the scientific name follows. The status and distribution is given thereafter. References are given for uncommon / rare / vagrant birds. Birds with a (**) before the serial number means that it has not been recorded in Gujarat but could be occurring here or that it has been recorded but needs further confirmation or was incorrectly listed earlier. The 'Plate' numbers are as per 'Birds of the Indian Subcontinent' by Grimmett *et al.* (2011) and vagrant birds are included in the respective families. The regions are described wherever possible and 'Gujarat' in the text means the area from South Gujarat to North Gujarat, including Central Gujarat (unless specific regions are mentioned). Sub-species are mentioned only for select species.

With reference to pelagic birds:

Our knowledge of pelagic birds is very less. Extensive surveys are needed to know about the occurrence of these birds in the Arabian Sea. There are many pelagic species which are noted in the Arabian Sea, off the Gujarat Coast, which are present in the RNBWS database but have not been incuded here. More data is needed to make any assessment for these birds.

Taxonomy:

Various organizations in India follow different taxonomies. Due to this, there are many differences in the checklists, as some proposed splits may not be accepted by some authorities. However, since BCSG follows Grimmett *et al.* (2011), the same is followed here to avoid confusion. Thus common names and taxonomy given in Grimmett *et al.* (2011) is followed here.

Abbreviations and Details:

BNHS:	Bombay Natural History Society
eBird:	Website http://ebird.org/content/ebird/
Facebook:	Social networking website
Flamingo:	Newsletter of Bird Conservaion Society, Gujarat (In English)
FMNH:	Field Museum of Natural History, Chicago, USA
GEER:	Gujarat Ecological Education and Research Foundation, Gandhinagar
GRK:	Greater Rann of Kachchh
IBC:	Website http://ibc.lynxeds.com
INW:	Website www.indianaturewatch.net
JBNHS:	Journal of Bombay Natural History Society
LRK:	Little Rann of Kachchh
MNP:	Marine National Park, Gulf of Kachchh
NLBW:	Newsletter for Birdwatchers
NMNH:	National Museum of Natural History, Smithsonian, USA

NP: National Park
OBI: Website http://orientalbirdimages.org
Pavo: Ornithology Journal, Maharaj Sayajirao University, Baroda (Now closed).
RNBWS: Royal Naval Birdwatching Society
Sea Swallow: Journal of Royal Naval Birdwatching Society
Vihang: Newsletter of Gujarat Birds (In Gujarati) (Now closed)
WFVZ: Western Foundation of Vertebrate Zoology, California, USA
WSGB: Wader Study Group Bulletin

Bird species with annotations:

Francolins, Quails, Bush Quails, Partridges, Spurfowls and Junglefowls (Plate 2-5, 7)

1. Black Francolin: *Francolinus francolinus*
Common resident. Mainly in Kachchh. More easily seen in the monsoon. Status in Saurashtra and Gujarat uncertain. Seen in grasslands near Naliya and GRK very easily. No published records / photos from Saurashtra / Gujarat.

2. Painted Francolin: *Francolinus pictus*
Common resident. In Saurashtra and Gujarat. Absent in Kachchh. Common in '*vidi*' areas and grasslands in Saurashtra. More easily seen in the monsoon when frequently seen calling from prominent perches.

3. Grey Francolin: *Francolinus pondicerianus*
Common resident. In all parts of the state. Very common in grasslands, scrub forest and stony areas.

4. Common Quail: *Coturnix coturnix*
Common winter visitor. In Saurashtra and Kachchh. Seen regularly in grasslands near Naliya in Kachchh and in other grasslands in Saurashtra. Common in LRK. Also in Velavadar NP. In Gujarat, but not common.

5. Rain Quail: *Coturnix coromandelica*
Common monsoon / breeding migrant. In all parts of the state. Common in grasslands of Saurashtra and Kachchh. Call heard very commonly in monsoon. Seen in good numbers in grasslands near Naliya, Rajkot and other grasslands near Jamnagar, Porbandar, Surendranagar etc. Also in Velavadar NP and other areas in Gujarat.

6. King Quail: *Coturnix chinensis*
Vagrant. Could be occurring as a monsoon vagrant but status not known. Sighting near Morbi (Ganpule 2005). Also listed for Thol BS near Ahmedabad (Iyer 2005).

7. Jungle Bush Quail: *Perdicula asiatica*
Common resident. In Gujarat and Saurashtra. More common in Gujarat, rarer in Saurashtra. Seen regularly in Gir NP and other jungle areas nearby. Rare in other areas in Saurashtra. Status in Kachchh uncertain.

8. Rock Bush Quail: *Perdicula argoondah*
Common resident. In arid and scrub forest of Saurashtra and Kachchh. Rarer in Gujarat. Seen in vidis and grasslands in Saurashtra quite regularly.

9. Red Spurfowl: *Galloperdix spadicea*
Uncommon resident. In the forested belt from North Gujarat to South Gujarat. Many historical records (Ali 1954).

10. Red Junglefowl: *Gallus gallus*
Vagrant. Or rare resident? Sighting from Rajpipla (Monga & Naoroji 1983). Probably a vagrant in the forest belt in South Gujarat. Not present elsewhere in Saurashtra or Kachchh.

11. Grey Junglefowl: *Gallus sonneratii*
Uncommon / rare resident. Sightings from Rajpipla and South Gujarat (Monga & Naoroji 1983, Trivedi & Soni 2006). Specimens from Navasri Dist. (NMNH). Reported to be present in the forested belt in North Gujarat. Not present elsewhere in Saurashtra or Kachchh.

Peafowls (Plate 8)

12. Indian Peafowl: *Pavo cristatus*
Common resident. In Gujarat, Kachchh and Saurashtra. Seen commonly in all areas of the state. Good numbers in Gir NP.

Whistling Ducks, Geese and Swans (Plate 9)

13. Fulvous Whistling Duck: *Dendrocygna bicolor*
Vagrant. No recent records. Historical record from Kachchh (Ali 1954).

14. Lesser Whistling Duck: *Dendrocygna javanica*
Common resident. Seen in large water bodies in Saurashtra, Kachchh and Gujarat. One of the most common ducks seen here.

15. Greylag Goose: *Anser anser*
Common to uncommon winter visitor. Seen in good numbers in LRK, Thol BS. Scattered elsewhere with sightings from the entire state. Now uncommon / rare in Kachchh.

16. Greater White-fronted Goose: *Anser albifrons*
Vagrant. Winter. Recent sightings from Thol BS and LRK. Vagrant elsewhere in Gujarat [Ali (1954), Kaushik (2009) and Shreeram & Deomurari (2014)].

17. Lesser White-fronted Goose: *Anser erythropus*
Vagrant. Winter. Recent sighting from LRK (Shreeram & Deomurari 2014).

18. Bar-headed Goose: *Anser indicus*
Common to uncommon winter visitor. Recent sightings from Surendranagar, Thol BS. Isolated records elsewhere in the state. Rare in Kachchh.

19. Snow Goose: *Anser caerulescens*
Vagrant. Sighting from Surendranagar Dist. (Mundkur *et al.* 1992). Though the bird was correctly identified and photographed, this sighting was excluded from the India Checklist (Praveen *et al.* 2014) due to 'being of unknown origin'. However BCSG has decided to include this sighting in the checklist. It is included here based on the fact that opinion is divided and there is no clear resolution of this matter. It may be revised in the future.

****Bean Goose:** *Anser fabalis*

Vagrant. An unconfirmed record from LRK in winter of 2015. No photos available.

20. Tundra Swan: *Cygnus columbianus*
Vagrant. Historical record from Kachchh (Ali 1947).

Shelducks, Pygmy-Goose and Allies (Plate 10)

21. Knob-billed Duck: *Sarkidiornis melanotos*
Common resident. Seen in large water bodies in Saurashtra, Kachchh and Gujarat. One of the most common ducks seen here.

22. Common Shelduck: *Tadorna Tadorna*
Rare winter visitor. Recent sightings from LRK, Jamnagar. Scattered sightings elsewhere from Kachchh and Gujarat. Generally rare [Ali (1954), Vyas & Munjpara (2009)].

23. Ruddy Shelduck: *Tadorna ferruginea*
Common to uncommon winter visitor. In small numbers over all parts of the state. Common in Nalsarovar, Thol BS, LRK etc.

24. Cotton Pygmy-goose: *Nettapus coromandelianus*
Common to uncommon resident. Seen in large water bodies in Saurashtra, Kachchh and Gujarat. Probably uncommon in Kachchh.

25. Marbled Duck: *Marmaronetta angustirostris*
Vagrant / rare winter visitor. Many historical records. Recent sightings from Nalsarovar and near Porbandar. Vagrant elsewhere (LRK and GRK where reported). Probably overlooked. [Ali (1954), Akhtar *et al.* (1992), Eaton (2008)].

Dabbling Ducks (Plate 11, 12)

26. Gadwall: *Anas strepera*
Common winter visitor. Sightings around large lakes in Saurashtra and Gujarat. Common in Kachchh.

27. Falcated Duck: *Anas falcata*
Vagrant.Winter. Historical record (Vijayrajji 1932). Sighting from Khijadia, near Jamnagar (Natarajan & Akhtar 1988).

28. Eurasian Wigeon: *Anas penelope*
Common winter visitor. Sightings around large lakes in Kachchh, Saurashtra and Gujarat. Common in the state.

29. Mallard: *Anas platyrhynchos*
Uncommon winter visitor. Sightings from Jamnagar, Porbandar, Nalsarovar and Thol BS and from Kachchh . Rare elsewhere. Isolated sightings from many areas from Gujarat.

30. Indian Spot-billed Duck: *Anas poecilorhyncha*
Common resident. Seen in large water bodies in Saurashtra, Kachchh and Gujarat. Most common resident duck seen here.

31. Northern Shoveler: *Anas clypeata*
Very common winter visitor. Sightings around large lakes in Saurashtra and Gujarat. Common in Kachchh. Large numbers from Jamnagar, Porbandar, LRK and other areas.

32. Northern Pintail: *Anas acuta*
Common winter visitor. Sightings around large lakes in Saurashtra and Gujarat. Common in Kachchh.

33. Garganey: *Anas querquedula*
Common winter visitor. Sightings around large lakes in Saurashtra and Gujarat. Common in Kachchh.

34. Baikal Teal: *Anas formosa*
Vagrant. Winter. Historical records from Saurashtra and Kachchh [Barton (1899), Maharao (1966)].

35. Common Teal: *Anas crecca*
Common winter visitor. Sightings around large lakes in Saurashtra and Gujarat. Common in Kachchh. Sightings from every region.

Diving Ducks and Mergansers (Plate 13, 14)

36. Red-crested Pochard: *Netta rufina*
Uncommon / rare winter visitor. Sightings around large lakes in Saurashtra and Gujarat. Uncommon in Kachchh. Fairly regular in North Gujarat and Central Gujarat in small numbers.

37. Common Pochard: *Aythya ferina*
Common winter visitor. Sightings from large lakes in Saurashtra and Gujarat. Common in Kachchh.

38. Ferruginous Duck: *Aythya nyroca*
Uncommon winter visitor. Scattered sightings from large lakes in Saurashtra and Gujarat. Uncommon in Kachchh.

39. Tufted Duck: *Aythya fuligula*
Common winter visitor. Sightings from large lakes in Saurashtra and Gujarat. Common in Kachchh.

40. Greater Scaup: *Aythya marila*
Vagrant. Winter. Recent sighting from Thol BS (Shivkar & Vaze 2014). Historical record from Bhavnagar (Dharmakumarsinhji 1935).

41. Smew: *Mergellus albellus*
Vagrant.Winter. No recent sightings. Historical record (Butler 1876).

****Goosander:** *Mergus merganser*
Vagrant. Said to have been a rare straggler in Gujarat waters (Anonymous 1887). Also mentioned for Kachchh by Ali (1945).

Shearwaters and Storm Petrels (Plate 15)

42. Audubon's Shearwater: *Puffinus lherminieri*
Vagrant. A wind blown bird from Surat in 2009 (photos available, Mukesh Bhatt, *pers. comm.*, in print). A bird recorded from Porbandar (Jhala 2016) most probably this species.

43. Persian Shearwater: *Puffinus persicus*
Status not known. Could be occurring off the Gujarat coast. Recent sighting during a pelagic trip in January 2016 (E. Munshi, eBird). More data needed to make any assessment. Occurs off Makran Coast, Pakistan, which is near the Kachchh coast. A sighting in RNBWS database (Sea Swallow 33: 16), very near Kachchh, but not identified conclusively as this species.

44. Flesh-footed Shearwater: *Puffinus carneipes*
Vagrant. A bird recorded near Surat (Dr. B.M.Parasharya, *pers. comm.*, in print).

** **Wedge-tailed Shearwater:** *Puffinus pacificus*
Hypothetical. Unrecorded, but could be occurring off the Gujarat coast.

Petrels and Storm-Petrels (Plate 16)

45. Jouanin's Petrel: *Bulweria fallax*
Vagrant. Gulf of Kachchh (Sinclair 1979). Wind blown bird from Porbandar (photo on Facebook, Varagiya 2014), probably this species. More data needed to make any assessment.

46. Wilson's Storm Petrel: *Oceanites oceanicus*
Rare. Possibly under-recorded, could be occurring off the Gujarat coast. RNBWS Database (Sea Swallow 33: 17 – location: 19.62° N 71.38° E, approx 80 km south of Diu) – noted as common and widespread in September. More

data needed to make any assessment. Also included in the checklist of Birds of Gujarat (Parasharya *et al.* 2004).

47. Swinhoe's Storm-Petrel: *Oceanodroma monorhis*
Vagrant. A sighting from Gulf of Kachchh in January 2016 (photo posted on eBird, E. Munshi), of this species. Could be occurring off the Gujarat coast. More data needed to make any assessment. Occurs in the Arabian Sea.

Grebes (Plate 17)

48. Little Grebe: *Tachybaptus ruficollis*
Common resident. In all parts of the state. Most common grebe.

49. Red-necked Grebe: *Podiceps grisegena*
Vagrant. Winter. Rajkot record (Mundkur & Pravez 1990). Also from Kheda District (Tatu 1998). Saurashtra Region (Report in 'Vihang').

50. Great-crested Grebe: *Podiceps cristatus*
Uncommon to common resident and local migrant. Sightings from Saurashtra and Kachchh. Also from Gujarat. Commonly breeding around Jamnagar. Scattered breeding records from other areas.

51. Black-necked Grebe: *Podiceps nigricollis*
Uncommon winter visitor. Regular sightings in Charakhala salt pans near Jamnagar, where recorded in large numbers. Scattered reports from other parts of Saurashtra. Also in Kachchh.

Storks (Plate 18, 19)

52. Painted Stork: *Mycteria leucocephala*
Uncommon to locally common resident. Seen in large water bodies in Saurashtra, Kachchh and Gujarat. Not in very large numbers, but flocks of up to 200 seen sometimes in some areas.

53. Asian Openbill: *Anastomus oscitans*
Common resident. Common in South Gujarat and Central Gujarat. Also in Saurashtra. Probably uncommon in Kachchh.

54. Black Stork: *Ciconia nigra*
Uncommon to rare winter visitor. In LRK, GRK and in Saurashtra. Rare in Gujarat. Usually in small numbers, but flocks of more than 30 birds also noted.

55. Woolly-necked Stork: *Ciconia episcopus*
Common to uncommon resident. In all parts of the state. Commonly seen near Ahmedabad , Thol BS and in South Gujarat. Not very common in Saurashtra and Kachchh.

56. White Stork: *Ciconia ciconia*
Uncommon to rare winter visitor. In GRK , LRK and scattered elsewhere. Rare in Gujarat. More common in GRK where seen in good numbers. Also in Velavadar and North Gujarat. Usually in small flocks.

57. Black-necked Stork: *Ephippiorhynchus asiaticus*
Uncommon to rare resident. Regularly breeding in Jamnagar. Also in Chhari-Dhand in Kachchh, around LRK. Rare elsewhere. Sightings from Saurashtra and Gujarat.

58. Lesser Adjutant: *Leptoptilos javanicus*
Vagrant. One recent sighting with photograph near Valsad in South Gujarat (Jat 2010). Historical record from Mandvi, Kachchh (Ali 1954).

59. Greater Adjutant: *Leptoptilos dubius*
Vagrant. No recent sighting. Historical records from Kachchh and North Gujarat [Ali (1954), Dharmakumarsinhji (1955)].

Flamingos, Ibises and Spoonbill (Plate 20)

60. Greater Flamingo: *Phoenicopterus roseus*
Common resident. Seen in lagoons, salt pans and in and around shallow lakes in Saurashtra and Kachchh. Commonly seen in LRK, GRK, Nalsarovar, Thol BS. Around the coastline in large numbers in Porbandar, Jamnagar and Bhavnagar. Uncommon in South Gujarat. Records from all over the state. Breeds in GRK in August/ September in large numbers in favourable years. Nests recorded recently in LRK but breeding not successful.

61. Lesser Flamingo: *Phoenicopterus minor*
Common resident.In lagoons, salt pans and in and around shallow lakes Saurashtra and Kachchh. Commonly seen in LRK, GRK, Nalsarovar, Thol BS.

Around the coastline in large numbers in Porbandar, Jamnagar and Bhavnagar. Uncommon in South Gujarat area. Generally less common than Greater Flamingo. Breeds in GRK in August/September. Recorded nesting in LRK and Porbandar, but breeding unsuccessful.

62. Black-headed Ibis: *Threskiornis melanocephalus*
Common resident. Seen in all parts of the state in fairly good numbers. Near lakes, marshes, rivers and in fields.

63. Red-naped Ibis: *Pseudibis papillosa*
Common resident. Seen in all parts of the state in fairly good numbers. Near lakes, marshes, rivers and in fields. Most common ibis seen here.

64. Glossy Ibis: *Plegadis falcinellus*
Common to uncommon resident and migrant. Sightings from LRK, GRK and other parts of the state. Fairly common in Jamnagar area. Also in South Gujarat, Thol BS and in Nalsarovar. In almost all regions of Saurashtra. Breeding in GRK, Bhavnagar, but breeding probably under recorded.

65. Eurasian Spoonbill: *Platelea leucorodia*
Common resident and local migrant. In lagoons, salt pans and in and around shallow coastal areas in Saurashtra and Kachchh. Commonly seen almost all over the state in suitable habitat. Around the coastline in large numbers. Also in fresh water lakes and large water bodies.

Bitterns (Plate 21)

66. Little Bittern: *Ixobrychus minutus*
Vagrant. Recent sighting from Nalsarovar (Trivedi 2015). Probably under recorded due to skulking habits.

67. Yellow Bittern: *Ixobrychus sinensis*
Uncommon monsoon /breeding migrant. Sightings from many areas in Saurashtra. Scattered records elsewhere in the state. Uncommon in Kachchh. Relatively the most common bittern in Gujarat.

68. Cinnamon Bittern: *Ixobrychus cinnamomeus*
Uncommon monsoon / breeding migrant. Sightings from Saurashtra. Also in South Gujarat. Uncommon in Kachchh. In suitable habitats locally all over the state.

69. Black Bittern: *Dupetor flavicollis*
Uncommon / rare monsoon breeding migrant. Recent sightings from near and around Nalsarovar BS and in South Gujarat. Rare elsewhere. Also occurrs in Saurashtra and Central Gujarat (isolated records). Historical records from many areas in Gujarat. Probably more common than believed. Photos on INW, OBI from Gujarat.

70. Great Bittern: *Botaurus stellaris*
Rare winter visitor. Recent sightings from Nalsarovar BS (Trivedi 2015), Junagadh (Bagda 2014) and Porbandar (Tank 2015, reports on eBird by D.Vargiya, Bharat Rughani, etc.). Also LRK (Bech 2006). Many historical records from North and Central Gujarat (Ali 1954).

Small Herons (Plate 22)

71. Striated Heron: *Butorides striata*
Common resident. Shy and skulking. Near lakes, marshes and rivers/ reed beds. Common in Saurashtra and Gujarat. Uncommon in Kachchh. Regular sightings from Nalsarovar, near Jamnagar, Rajkot and other parts of the state.

72. Black-crowned Night Heron: *Nycticorax nycticorax*
Common resident. In all parts of the state in fairly good numbers. Near lakes, marshes, rivers and ponds. Fairly common.

73. Indian Pond Heron: *Ardeola grayii*
Common resident. Seen in all parts of the state in fairly good numbers. Near lakes, marshes, rivers and in fields. Most common heron.

74. Chinese Pond Heron: *Ardeola bacchus*
Vagrant. Recorded from Bhavnagar (Parasharya 1983).

Large Herons and Egrets (Plate 23, 24)

75. Grey Heron: *Ardea cinerea*
Common resident and winter visitor. Fairly common. In all parts of the state in fairly good numbers including Kachchh. Near lakes, marshes, rivers and ponds. Also near salt pans and around sea shores, lagoons etc.

76. Purple Heron: *Ardea purpurea*
Common resident. Fairly common. In all parts of the state in fairly good numbers. Near lakes, marshes, rivers and ponds. Breeding colonies in many areas in the state.

77. Cattle Egret: *Bulbulcus ibis*
Common resident. Very common. In all parts of the state in good numbers. Most common egret.

78. Great Egret: *Casmerodius albus*
Common resident. Fairly common. In all parts of the state including Kachchh. Fairly common almost all over the state.

79. Intermediate Egret: *Mesophoyx intermedia*
Common resident. Fairly common. In all parts of the state.

80. Little Egret: *Egretta garzetta*
Common resident. Very common. In all parts of the state in good numbers.

81. Western Reef Egret: *Egretta gularis*
Common resident and winter migrant. All around the Gujarat coast including coasts of Kachchh and Saurashtra in all kinds of salt water habitats. Seen inland also, in LRK, and other areas.

Frigatebirds (Plate 25)

82. Great Frigatebird: *Fregata minor*
Vagrant. Could occur in the monsoon season in Arabian Sea. Sighting from Jamnagar (Patel 2009). The photos show the all black body, which is diagnostic of Great Frigatebird, and hence included here. Unconfirmed sighting from Kachchh of either this or Lesser Frigatebird.

83. Lesser Frigatebird: *Fregata ariel*
Vagrant. Record from South Gujarat of an injured bird found on the banks of Tapi River [reported in 'Chatak'. Vol 4 (11-12): 39-40 (WWF Newsletter, In Gujarati)]. Mostly in monsoon season.

Pelicans (Plate 26)

84. Great White Pelican: *Pelecanus onocrotalus*
Common winter visitor. Occasionally breeding in GRK (Ali 1954). Common in large water bodies in Saurashtra and Kachchh. Uncommon in South Gujarat.

85. Dalmatian Pelican: *Pelecanus crispus*
Common to uncommon winter visitor. In large water bodies in Saurashtra and Kachchh. Uncommon / rare in South Gujarat. Sightings from Chhari Dhand in GRK, Charakhala Salt Pans and near Jamnagar. In other parts of Saurashtra in small numbers.

86. Spot-billed Pelican: *Pelecanus philippensis*
Vagrant? Status unclear. Historical records but identification uncertain (Ali 1954). Recent sighting from Jamnagar by T. Mundkur (Parasharya 2002) given as the only reliable record. Unconfirmed records from other areas in the state.

Tropicbirds and Boobies (Plate 27)

87. Red-billed Tropicbird: *Phaethon aethereus*
Vagrant. A recent record from Gulf of Kachchh (Gandhe 2014) and an injured bird found near Surat (Patel 2015a).

88. Masked Booby: *Sula dactylatra*
Rare. Mostly in the monsoon season. Sighings from Gulf of Kachchh of wind-blown birds. More than 10 sightings in Gujarat from various areas like Mithapur, Porbandar, Jamnagar, Kachchh, etc. A few individuals recorded almost in every monsoon season, probably wind blown birds.

89. Brown Booby: *Sula leucogaster*
Vagrant. Sighting from Mandvi, Kachchh (Varu & Bapat 1990).

****Blue-footed Booby:** *Sula nebouxii*

One recent record in Gulf of Khambat (Dave *et al.* 2003) and included in checklist of birds of Gujarat (Parasharya *et al.* 2004). Specimen with BNHS. It occurs in the Pacific Ocean (Neotropical) and is not known to occur here. The specimen was re-checked and found to be a Masked Booby (Praveen *et al.* 2013). It should be removed from the Gujarat list.

Darter and Cormorants (Plate 28)

90. Darter: *Anhinga melanogaster*
Uncommon resident. Common locally in Khijadia BS and around Jamnagar area, also from other parts of Saurashtra and Gujarat. In Kachchh. Common around Nalsarovar, Thol BS.

91. Little Cormorant: *Phalacrocorax niger*
Fairly common resident. In all parts of the state.

92. Indian Cormorant: *Phalacrocorax fuscicollis*
Common resident. In all parts of the state.

93. Great Cormorant: *Phalacrocorax carbo*
Fairly common resident. In all parts of the state.

Falconets, Kestrels and Small Falcons (Plate 29, 30)

94. Lesser Kestrel: *Falco naumanni*
Rare passage migrant. Very few sightings reported. Recent reports from LRK (Bhatt & Ganpule 2013). Also GRK. Isolated records from elsewhere in the state. Photographed / seen a few times in LRK in the last two years, sometimes in small flocks.

95. Common Kestrel: *Falco tinnunculus*
Common winter visitor. In all parts of the state. Very easily seen in LRK and GRK.

96. Red-necked Falcon: *Falco chiquera*
Uncommon / rare resident. All over the state. Fairly commonly seen in Kachchh. Also present in good numbers in Saurashtra. Seen in LRK and GRK regularly. Also in grasslands and scrub forests in Saurashtra, Gujarat. Fairly widespread but uncommon.

97. Amur Falcon: *Falco Amurensis*
Uncommon / rare passage migrant. Spring and autumn passage migrant in Gujarat (Ganpule 2011a). Recent sight reports from LRK, GRK, Velavadar NP in Bhavnagar, Dang, Gir NP. Scattered and isolated records from elsewhere in the state. Historical record from Kachchh (Specimen in FMNH).

98. Merlin : *Falco columbarius*
Uncommon / rare winter visitor. Mainly to desert areas. Uncommonly seen in LRK (Ganpule & Bhatt 2013) and GRK. Also a few isolated records from elsewhere in the state.

99. Eurasian Hobby: *Falco subbuteo*
Uncommon / rare passage migrant. All over the state (Bhatt *et al.* 2015). Sight reports from LRK, GRK and other areas in Saurashtra and Gujarat.

100. Oriental Hobby: *Falco severus*
Vagrant. Historical records, where mentioned as not uncommon passage migrant in Saurashtra and Gujarat (Dharmakumarsinhji 1955). A group of 17 birds noted in Gir NP in November 2004 (Robson 2005). However not recorded recently, though there is an unverified sighting from LRK (Yogendra Shah, *pers. comm.*).

Large Falcons (Plate 31)

101. Laggar Falcon: *Falco Jugger*
Rare resident and winter visitor. Mainly to the arid areas and deserts of LRK and GRK. Recent sightings from LRK, GRK , Surendranagar district. Also in Gir NP. Widespread but rare or uncommon.

102. Saker Falcon : *Falco cherrug*
Rare winter visitor. Mainly to the deserts. Historical records from many areas of the state. Rare now and restricted to LRK, GRK.

103. Peregrine Falcon: *Falco peregrinus*
peregrinator: Resident (breeding) and local migrant. Few sight records from Gujarat. Breeding in Pavagadh Hills near Baroda and Girnar Hills. Scattered sightings from Saurashtra. Isolated sighting in Kachchh. Could be breeding in other hilly areas in the state.

calidus: Common to uncommon winter visitor. To Saurashtra, Kachchh and Gujarat. Fairly common in LRK and in GRK. Also seen in other parts of Saurashtra in suitable habitat, where not uncommon. Rare elsewhere in Gujarat.

104. Barbary Falcon: *Falco (peregrinus) pelegrinoides*
Rare winter migrant. Mainly to desert areas. Sub-species known to occur here is *babylonicus* (Red-naped Shaheen). Further research needed. Recent sightings from LRK and GRK. Rare but regular in LRK.

Bazas and Kites (Plate 32)

105. Black-winged Kite: *Elanus caeruleus*
Common resident. Fairly commonly seen all over the state.

106. Black Kite: *Milvus migrans*
Common resident. Commonly seen around large cities in all parts of the state. Less common in Saurashtra & Kachchh.

107. Black-eared Kite: *Milvus (migrans) lineatus*
Common winter visitor. In Kachchh, Saurashtra and Gujarat. Widely distributed.

108. Brahminy Kite: *Haliastur indus*
Fairly common resident. Seen near the coast and large lakes and water bodies. In Saurashtra. Present in Kachchh and South Gujarat also.

109. Red Kite: *Milvus milvus*
Vagrant. Winter. Historical records from LRK (Ali 1954) and near Jasdan, Saurashtra (Shivrajkumar 1964). No recent sightings.

Osprey and Sea Eagles (Plate 33)

110. Osprey: *Pandion haliaetus*
Common winter visitor. In all parts of the state in suitable habitat. Present in good numbers in Gir NP, around Jamnagar and around other large water bodies. Sightings from LRK, and other parts of Gujarat.

111. White-bellied Sea Eagle: *Haliaeetus leucogaster*
Vagrant.Winter. Historical records [Anonymous (1887), Acharya (1936)]. One recent record from GRK (Thakkar 2006).

112. White-tailed Eagle: *Haliaeetus albicilla*
Vagrant. Winter. Historical records from Kachchh (Himmatsinhji 1970). No recent sightings.

113. Pallas's Fish Eagle: *Haliaeetus leucoryphus*
Vagrant.Winter. Many historical records (Ali 1954). Recent sight records from Kachchh and Jamnagar.

Fish Eagles, Black Eagle and Honey-buzzard (Plate 34)

114. Lesser Fish Eagle: *Ichthyophaga humilis*
Vagrant. Specimen in FMNH, from Sasan, Gir (FMNH Number 228875). Specimen verified and is an adult Lesser Fish Eagle (P. Ganpule, in print).

115. Grey-headed Fish Eagle: *Ichthyophaga ichthyaetus*
Vagrant. Winter. Historical records. Recent record from South Gujarat and near Morbi (Ganpule 2007).

116. Black Eagle: *Ictinaetus malayensis*
Rare winter visitor. Isolated records from north and south Gujarat. Regular winter migrant in Gir NP. See Parasharya (2010) for details of records of this species from the state.

117. Oriental Honey-buzzard: *Pernis ptilorhynchus*
Common resident and winter visitor. Fairly common. Sightings from Gir NP, South Gujarat area, other well wooded areas of Saurashtra and Gujarat. Also in Kachchh. Common all over the state.

Vultures (Plate 35, 36)

****Bearded Vulture:** *Gypaetus barbatus*
Vagrant. One unconfirmed sighting from Kachchh (Thakkar 2005).

118. Egyptian Vulture: *Neophron percnopterus*
Common to uncommon resident and winter visitor. From almost all regions of the state. Common in north Gujarat.

119. White-rumped Vulture: *Gyps bengalensis*
Rare resident. Now restricted to Surat, South Gujarat, Ahmedabad, Bhavnagar, Gir NP and Kachchh.

120. Indian Vulture: *Gyps indicus*
Rare resident. Now restricted to and seen in Kachchh, South Gujarat and Gir NP.

121. Himalayan Griffon: *Gyps himalayensis*
Vagrant. Winter. Recent sightings from GRK, LRK, Ahmedabad and Gir NP (Varu & Khatri 2015).

122. Griffon Vulture: *Gyps fulvus*
Uncommon winter visitor. Seen in desert areas. Mostly seen in GRK and Banni. Isolated records from LRK.

123. Cinereous Vulture: *Aegypius monachus*
Rare winter visitor. Restricted mainly to Kachchh. Sight records from GRK, Banni. Also LRK.

124. Red-headed Vulture: *Sarcogyps calvus*
Rare resident. Restricted to Gir NP area in Saurashtra. Recent sightings from Kachchh. Scattered in other parts of Gujarat with very few sightings.

Snake and Serpent Eagle (Plate 37)

125. Short-toed Snake Eagle: *Circaetus gallicus*
Common to uncommon resident. Seen in scrub forests, vidis and grasslands in Saurashtra. More common in Kachchh with good numbers in grasslands near Naliya and Banni. Also Gir NP. Scattered elsewhere in the state.

126. Crested Serpant Eagle: *Spilornis cheela*
Common resident. Also local migrant .Commonly seen in Gir NP. Recent sightings near Rajkot and Morbi. Common in forest areas of South to North Gujarat and other forest areas of the state. Isolated record from Beyt Dwarka, near Okha in MNP. Probably absent in Kachchh.

Harriers (Plate 38, 39)

127. Eurasian Marsh Harrier: *Circus aeruginosus*
Common winter visitor. Seen in LRK, GRK and in other areas in Saurashtra, Kachchh, and Gujarat. Usually near water bodies. Fairly common in Velavadar NP. Also near Jamagar.

128. Pied Harrier: *Circus melanoleucos*
Vagrant. Winter. Recent sighting from South Gujarat – over two winters (Patel 2013). Record from Nal Sarovar (Jaffri 1995).

129. Hen Harrier: *Circus cyaneus*
Vagrant. Or rare winter visitor? Most reports from Velavadar NP. Historical records (Dharmakumarsinhji 1955). Probably a vagrant in other parts of Gujarat like LRK, GRK. Recently photographed from near Rajkot (photo available).

130. Pallid Harrier: *Circus macrourus*
Common to uncommon winter visitor. Seen in LRK, GRK and in other areas in Saurashtra and Kachchh. In grasslands and scrub forests. Fairly common in Velavadar NP. Records from all over the state.

131. Montagu's Harrier: *Circus pygargus*
Common winter visitor. Seen in LRK, GRK and in other areas in Saurashtra and Kachchh. In grasslands and scrub forests. Fairly common in Velavadar NP. Records from all over the state. Most common harrier seen in LRK.

Accipiters (Plate 40, 41)

132. Shikra: *Accipiter badius*
Common resident. Commonest *accipiter*. Seen all over Gujarat in all types of habitat. Fairly common in Saurashtra, Kachchh as well as in other parts of Gujarat.

133. Besra: *Accipiter virgatus*
Rare resident / winter visitor? Historical record from Kachchh (Ali 1954) and Bhavnagar (Dharmakumarsinhji 1956). Sightings from South Gujarat forests. Also in Gir NP. Rarely seen in other parts of the state. Probably overlooked due to identification difficulties.

134. Eurasian Sparrowhawk: *Accipiter nisus*
Uncommon winter visitor. Seen in desert areas and arid scrub. Sightings from LRK , GRK, grasslands in Kachchh, Velavadar NP, Gir NP and some parts of Saurashtra. Isolated records from other areas of the state.

135. Northern Goshawk: *Accipiter gentilis*
Vagrant / Rare winter visitor. Or passage migrant? Recent sightings from Gir NP (Vora *et al.* 2009). Could be occurring in South Gujarat forests. Records from Bhavnagar (Dharmakumarsinhji 1955) and Hingolgadh, near Rajkot (Khachar & Mundkur 1990).

Buzzards (Plate 42)

136. White-eyed Buzzard: *Butastur teesa*
Fairly common resident. Easily seen in Gir NP, Kachchh and in other parts of the state.

137. Common Buzzard: *Buteo buteo*
Uncommon winter visitor / passage migrant. Subspecies occurring here is *vulpinus*. More uncommon than Long-legged Buzzard. Sightings from desert areas in LRK, GRK and around grasslands in Kachchh. Also from Velavadar NP, Jamnagar. Scattered records from elsewhere in the state. Regularly winters in LRK (Ganpule & Bhatt 2014).

138. Himalayan Buzzard: *Buteo (buteo) burmanicus*
Status of *burmanicus* in Gujarat is not known but it could be occurring as a winter vagrant and/or as a passage/rare winter visitor. (Taxonomy complex; *burmanicus* is now *refectus*). Birds resembling Himalayan Buzzards have been observed in Gujarat but detailed study needed (Ganpule & Bhatt 2014). Occurrence not in doubt but status uncertain.

139. Long-legged Buzzard: *Buteo rufinus*
Common to uncommon winter visitor. Sightings from desert areas in LRK, GRK and around grasslands in Kachchh. Uncommon / Rare elsewhere. Common in GRK.

****Upland Buzzard:** *Buteo hemilasius*
Vagrant. Old records. No recent sightings**.** Included in the list based on Dharmakumarsinhji (1955), wherein given as 'very rare in Saurashtra'. Naoroji (2006) states 'sightings (vagrants) of this confusable species far south of normal wintering range should be treated with the greatest caution until substantiated'. Hence inclusion here debatable and excluded from the list.

Eagles and Hawk Eagle (Plate 43, 44, 45, 46)

140. Indian Spotted Eagle: *Aquila hastata*
Uncommon / rare winter visitor and possible resident. Probably breeding in South Gujarat area (Nirav Bhatt, *pers. comm*). Recent records from GRK, LRK, Velavadar, Bhavnagar, MNP and Porbandar. Rare elsewhere. Isolated records from all parts of the state.

141. Greater Spotted Eagle: *Aquila clanga*
Common to uncommon winter visitor. Around large water bodies in Kachchh, LRK, Gir NP and other parts of Gujarat like Thol BS near Ahmedabad, and in other parts of the state. Historical record of its breeding in Gujarat (Dharmakumarsinhji 1955).

142. Tawny Eagle: *Aquila rapax*
Uncommon resident and local winter migrant. In desert area and arid scrub. In GRK , Kachchh, LRK and Velavadar NP.

143. Steppe Eagle: *Aquila nipalensis*
Common to uncommon winter visitor. In desert areas and grasslands around LRK and GRK. Also in Gujarat. Common in LRK and GRK. Records from all parts of the state.

144. Eastern Imperial Eagle: *Aquila heliaca*
Uncommon winter visitor. In desert areas and near water bodies. In LRK, GRK , Kachchh, Bhavnagar area, Thol BS near Ahmedabad and other scattered records from the state.

145. Bonelli's Eagle: *Aquila fasciata*
Rare resident. Widely distributed. Sighting from near Thol BS and around Gir NP area. Sightings in Kachchh and from LRK. Isolated records from other parts of the state.

146. Booted Eagle: *Hieraaetus pennatus*
Common to uncommon winter visitor. Sightings from LRK, GRK, around Velavadar NP, Porbandar, Surendranagar. Isolated records from other parts of the state.

147. Crested Hawk Eagle: *Nisaeetus cirrhatus*
Uncommon resident. Mainly in Gir NP and in forests from North to South Gujarat.

Bustards and Floricans (Plate 47)

148. Great Indian Bustard: *Ardeotis nigriceps*
Rare resident. There are a few individuals remaining in Naliya grasslands in Kachchh. Resident but locally migrates to other nearby areas. Seen and photographed in Velavadar NP near Bhavnagar, and once in LRK in the last few years.

149. Macqueen's Bustard: *Chlamydotis macqueenii*
Uncommon winter visitor. Mainly LRK and GRK. Seen in greater numbers in LRK. Recent sight records near Positra and in MNP area and along coastal area in Saurashtra.

150. Lesser Florican: *Sypheotides indicus*
Rare monsoon / breeding migrant. Regular to Saurashtra, Kachchh and Gujarat. Seen in Velavadar NP and in grasslands near Naliya. Sightings near LRK (Bajana) and in grasslands near Jamnagar and Porbandar. Also North Gujarat grasslands.

Crakes and Rails (Plate 48, 49)

151. Slaty-breasted Rail: *Gallirallus striatus*
Rare monsoon migrant. Recent sightings from near Barda, Porbandar (S.Das, INW) and in South Gujarat. Also Nal Sarovar. Regular in South Gujarat.

152. Water Rail: *Rallus aquaticus*
Rare winter visitor. Recent records from South Gujarat. Also from Amreli District and Porbandar (Joshi & Karia 2015).

153. Baillon's Crake: *Porzana pusilla*
Common to uncommon winter visitor. Sightings from Nalsarovar area and other parts of Gujarat. Uncommon in Saurashtra and Kachchh. Regularly reported from Jamnagar, Rajkot. Also in other parts of the state.

154. Little Crake: *Porzana parva*
Vagrant. Winter. Unconfirmed sightings from Nal Sarovar. Also near Amreli (Viral Joshi, *pers.comm*), where seen and call heard, but not documented properly (but probably occurring). Included here based on sighting in LRK (Mallord & Showler 2010), where sighted alongside Baillon's Crake, and hence identification was confirmed. Photo not available.

155. Spotted Crake: *Porzana porzana*
Uncommon / Rare winter visitor. Sightings from Rajkot, Amreli and Ahmedabad areas (Mashru & Trivedi 2012).

156. Ruddy-breasted Crake: *Porzana fusca*
Uncommon resident. Regular sightings from South Gujarat. Also near Surendranagar (Bhatt 2015).

Rails and Buttonquails (Plate 50)

157. White-breasted Waterhen: *Amaurornis phoenicurus*
Common resident. In good numbers all over the state.

158. Brown Crake: *Amaurornis akool*
Common to uncommon resident. Sightings from near Rajkot, Jamnagar and other parts of Saurashtra and Gujarat. Also in Kachchh. Widespread.

159. Watercock: *Gallicrex cinerea*
Uncommon to rare monsoon migrant. Sightings from around Jamnagar, Nalsarovar and from South Gujarat, where common (Patel 2015). Rare in Kachchh. Common in Velavadar NP. Isolated records in the winter. Many historical records, from almost all parts of the state. A few winter records but status in winter not clear and more data needed.

160. Small Buttonquail: *Turnix sylvaticus*
Uncommon monsoon / breeding migrant. In all of Gujarat. Regular in grasslands in Saurashtra and Kachchh. Also in other parts of the state.

161. Yellow-legged Buttonquail: *Turnix tanki*
Uncommon monsoon / breeding migrant. In all of Gujarat. Regular in grasslands in Saurashtra and Kachchh. Also in other parts of the state.

162. Barred Buttonquail: *Turnix suscitator*
Resident and fairly common resident. In all of Gujarat. Frequently seen in Saurashtra and Kachchh in grasslands and rocky areas. Also in Gujarat. Commonest buttonquail here.

Gallinules and Coot (Plate 51)

163. Purple Swamphen: *Porphyrio porphyrio*
Common resident. In good numbers all over the state.

164. Common Moorhen: *Gallinula chloropus*
Common resident. In good numbers all over the state.

165. Eurasian Coot: *Fulica atra*
Common resident. In good numbers all over the state.

Cranes (Plate 52)

166. Demoiselle Crane: *Grus virgo*
Common winter visitor. Seen in large numbers in Saurashtra. Seen in LRK and GRK (smaller numbers). Huge numbers near Porbandar and near Dwarka. Scattered elsewhere in the state.

167. Siberian Crane: *Grus leucogeranus*
Vagrant. Sight record from LRK (Malik 1991).

168. Common Crane: *Grus grus*
Common winter visitor. Seen in large numbers in GRK and in many areas in Saurashtra and in LRK but numbers not as large as in GRK (in thousands in GRK). Scattered elsewhere in the state.

169. Sarus Crane: *Grus antigone*
Common to uncommon resident. In Gujarat subject to local migration. In good numbers in Anand, Ahmedabad and other nearby districts. Also South Gujarat. Rare in Saurashtra. Reported breeding in Rajkot, Surendranagar. Status uncertain in Kachchh.

Thick-knees and Jacanas (Plate 53)

170. Indian Thick-knee: *Burhinus (oedicnemus) indicus*
Common resident. All over the State. Regular sightings from all over Saurashtra and Gujarat. Also in Kachchh. Status of Eurasian Thick-knee is not known.

171. Great Thick-knee: *Esacus recurvirostris*
Common to uncommon resident. All over the State. Regular sightings from all over Saurashtra and Gujarat. Also in Kachchh.

172. Pheasant-tailed Jacana: *Hydrophasianus chirurgus*
Common resident. In good numbers all over the state. Regular sightings from all over Saurashtra and Gujarat. Also in Kachchh.

173. Bronze-winged Jacana : *Metopidius indicus*
Common to uncommon resident. All over the State. Regular sightings from all over Saurashtra and Gujarat. Rare in Kachchh. Common in Nalsarovar area.

Miscellaneous Pied Waders (Plate 54)

174. Crab Plover: *Dromas ardeola*
Uncommon winter visitor. Mainly to the coasts. Seen around Jamnagar, Porbandar and Bhavnagar coast. Also in Kachchh. Probably rare in South Gujarat. Common in MNP.

175. Black-winged Stilt: *Himantopus himantopus*
Common resident. All over the state.

176. Pied Avocet: *Recurvirostra avosetta*
Common winter visitor. Mainly to the coasts and also other fresh water bodies. Seen around Jamnagar, Porbandar and Bhavnagar coast. Also in Kachchh and in Gujarat. Historical records of breeding from GRK.

177. Eurasian Oystercatcher: *Haematopus ostralegus*
Common winter visitor. Mainly to the coasts. Common around all coastal areas and sea shores. Common in MNP area, Jamnagar.

Lapwings and Plovers (Plate 55, 56)

178. Northern Lapwing: *Vanellus vanellus*
Vagrant. Winter. Historical records. Recent sighting reported from Baroda (Padate 2002) and from Kachchh (Nate Swick, eBird).

179. Yellow-wattled Lapwing: *Vanellus malabaricus*
Common resident. All over the state. Regular sightings from all over Saurashtra and Gujarat. Also in Kachchh.

180. Grey-headed Lapwing: *Vanellus cinereus*
Vagrant. Winter. Records shown (Grimmett *et al.* 2011), but details could not be traced. Isolated record shown in Rasmussen & Anderton (2012), and given in text as 'straggling to N and S Gujarat'. Hence included here.

181. Red-wattled Lapwing: *Vanellus indicus*
Very common resident. All over the State. Most common lapwing in Gujarat.

182. Sociable Lapwing: *Vanellus gregarius*
Rare winter visitor. Sightings from LRK, GRK and Thol BS in small numbers. Also Jamnagar and isolated records from Saurashtra. Large flocks (more than 50) sometimes seen in GRK in last few years (Tiwari 2016).

183. White-tailed Lapwing: *Vanellus leucurus*
Common to uncommon winter visitor. Fairly common but in small numbers everywhere. Sightings from Saurashtra, Kachchh and also Gujarat. A breeding record from Nal Sarovar (Sama 2002) needs to be checked.

184. Pacific Golden Plover: *Pluvialis fulva*
Uncommon winter visitor. Sightings fom coastal areas of Jamnagar. Scattered in other parts of Saurashtra. In Kachchh also. Rare in Gujarat.

185. Grey Plover: *Pluvialis squatarola*
Common to uncommon winter visitor. Sightings from Coastal areas of Saurashtra and Kachchh. Rare in Gujarat. Common in Jamnagar area.

186. European Golden Plover: *Pluvialis apricaria*
Vagrant. Winter . A record from Kachchh (Akhtar & Tiwari 1991).

187. Caspian Plover: *Charadrius asiaticus*
Vagrant. Winter. Sighting from GRK (Sørenson & Tiwari 2009). Also in LRK (Deomurari 2009) and Jamnagar (many photos on INW, as the bird was seen by a lot of birdwatchers).

Smaller Plovers (Plate 57)

188. Common Ringed Plover: *Charadrius hiaticula*
Rare to uncommon winter visitor. Regular sightings from Jamnagar area only. Scattered sightings from Porbandar, Bhavnagar and Kachchh area. Few sightings from Nalsarovar area and South Gujarat. See Ganpule *et al.* (2010) for details.

189. Little Ringed Plover: *Charadrius dubius*
Common resident. All over the state.

190. Kentish Plover: *Charadrius alexandrinus*
Common resident and local winter migrant. Regularly breeds in Saurashtra and Gujarat. Also in Kachchh.

191. Greater Sand Plover: *Charadrius leschenaultii*
Common winter visitor. Sightings from the coastal areas of Jamnagar, Porbandar and Bhavnagar. Also in Kachchh. Seen in good numbers in Narara and Pirotan MNP. All over the state.

192. Lesser Sand Plover: *Charadrius mongolus*
Common winter visitor. Sightings from the coastal areas of Jamnagar, Porbandar and Bhavnagar. Also in Kachchh. Seen in good numbers in Narara and Pirotan MNP. All over the state.

Miscellaneous Waders (Plate 58)

193. Greater Painted-snipe: *Rostratula benghalensis*
Common to uncommon resident. Fairly commonly sighted in Jamnagar. Sightings also from Nalsarovar, Gujarat / South Gujarat. Rare in Kachchh.

194. Eurasian Woodcock: *Scolopax rusticola*
Vagrant. Historical records (Vijayrajji 1941, Ali 1954). No recent sighings.

195. Ruff: *Philomachus pugnax*
Very common winter visitor. Seen all over the state.

196. Red-necked Phalarope: *Phalaropus lobatus*
Uncommon winter migrant. Regular sightings from Charakhala Salt Pans near Jamnagar. Scattered sightings from other coastal areas in Saurashtra and Kachchh. Rare in Gujarat.

Snipes (Plate 59)

197. Jack Snipe: *Lymnocryptes minimus*
Common to uncommon winter visitor. Sightings from Nalsarovar. Also seen in LRK, Jamnagar. Uncommon in other areas in Saurashtra, Kachchh and Gujarat, probably overlooked.

198. Pin-tailed Snipe: *Gallinago stenura*
Uncommon winter visitor. Seen in all of Gujarat? Isolated sightings from Saurashtra. Recently (in 2016) photographed in Porbandar (*pers. observ.*). In Kachchh [A bird ringed near Mata-no-madh, Kachchh (BNHS Bird Migration Study Project 1970), S.N. Varu, *pers. comm.*]

Distribution not well known and is probably widespread but overlooked. Many historical records.

****Swinhoe's Snipe:** *Gallinago megala*

Hypothetical. Could be occurring. Since field identification of Swinhoe's Snipe from Pin-tailed Snipe is impossible unless seen in hand (Leader & Carey 2003), it is possible that Swinhoe's Snipe could be occurring but due to identification difficulties, it has not been recorded.

199. Common Snipe: *Gallinago gallinago*

Common winter visitor. Seen in all of Gujarat in suitable habitat. Most common snipe, seen all over the state.

Godwits and Curlews (Plate 60)

200. Black-tailed Godwit: *Limosa limosa*

Common winter visitor. Seen all over the state.

201. Bar-tailed Godwit: *Limosa lapponica*

Common to uncommon winter visitor. Sightings from the coastal areas of Saurashtra and Kachchh. Seen in good numbers in Narara and Pirotan MNP. Probably uncommon in Gujarat.

202. Asian Dowitcher: *Limnodromus semipalmatus*

Vagrant. Winter. Sightings from Jamnagar (Bhatt 2008, Forsten & Lindholm 2008). Could be occurring in other coastal areas. Recently photographed in Narara in MNP (Robson 2012).

203. Long-billed Dowitcher: *Limnodromus scolopaceus*

Vagrant. Winter. Recent sightings (two) from MNP near Jamnagar (Forsten & Lindholm 2008) and Khijadia in 2012 (Unpublished photo of a single bird by Laurens Steijn – See *Indian BIRDS* 8 (4): 101-103, photos available).

204. Whimbrel: *Numenius phaeopus*

Common winter visitor. Sightings from coastal areas of Saurashtra and Kachchh. Also in Gujarat. Present in small numbers at almost all coastal areas.

205. Eurasian Curlew: *Numenius arquata*

Common winter visitor. Sightings from coastal areas of Saurashtra and Kachchh. Also in Gujarat. Present in small numbers at almost all coastal areas.

****Slender-billed Curlew:** *Numenius tenuirostris*

Very rare vagrant (possibly extinct). Sighting from Porbandar (Khachar & Rughani 2007) and MNP (Crockford 2009). Needs confirmation. See www.rspb.org.uk for excellent details of the species.

Tringa Sandpipers (Plate 61)

206. Spotted Redshank: *Tringa erythropus*

Common winter visitor. Seen in all of Gujarat.

207. Common Redshank: *Tringa totanus*

Common winter visitor. Seen in all of Gujarat.

208. Marsh Sandpiper: *Tringa stagnatilis*

Common winter visitor. Seen in all of Gujarat.

209. Common Greenshank: *Tringa nebularia*

Common winter visitor. Seen in all of Gujarat.

****Nordmann's Greenshank:** *Tringa guttifer*

Hypothetical. Unconfirmed sighting for Gujarat (Grimmett *et al.* 2011), the details of which could not be traced and an unconfirmed sighting from Rajkot Dist. (Ganpule 2010).

210. Green Sandpiper: *Tringa ochropus*

Common winter visitor. Seen in all of Gujarat.

211. Wood Sandpiper: *Tringa glareola*

Common winter visitor. Seen in all of Gujarat.

Sandpipers, Turnstone and Knots (Plate 62)

212. Terek Sandpiper: *Xenus cinereus*

Uncommon winter visitor. Mainly coastal. Sightings from Saurashtra coastline. Also in Kachchh. Fairly common in Jamnagar area. Rare in Gujarat.

213. Common Sandpiper: *Actitis hypoleucos*

Common winter visitor. Seen in all of Gujarat.

214. Ruddy Turnstone: *Arenaria interpres*

Common winter visitor. Sightings from coastal areas of Saurashtra and Kachchh. Rare in Gujarat. Common in Jamnagar area.

215. Great Knot: *Calidris tenuirostris*

Uncommon winter visitor. Sightings from coastal areas of Jamnagar, Porbandar, Bhavnagar and Kachchh (Ganpule *et al.* 2011). Not seen in large numbers. Rare in Gujarat coastal area.

216. Red Knot: *Calidris canutus*

Vagrant .Winter. Recently photographed in Narara in MNP (Naik 2012). Could be occurring as a vagrant in entire Gulf of Kachchh – a photographic record from Kachchh, but details could not be obtained. A group of six birds noted in Narara in November 2004 (Robson 2005).

Stints and Small Sandpipers (Plate 63, 64)

217. Red-necked Stint: *Calidris ruficollis*

Vagrant. Included in Parasharya *et al.* (2004), but not shown in the reference books (Grimmett *et al.* 2011, Rasmussen & Anderton 2012). A single bird was ringed at Jahkau, Kachchh under the BNHS - MAPS program (Mclure & Porntip 1972), and hence should be included in the Gujarat list. In non-breeding plumage, very similar to Little Stint, and could be overlooked. No photos on birding websites from Gujarat.

218. Little Stint: *Calidris minuta*

Common winter visitor. In all areas of Gujarat. Common in Jamnagar area. Sightings from Saurashtra and Kachchh coastline. Also in Gujarat. Seen inland.

219. Temminck's Stint: *Calidris temminnckii*

Common winter visitor. Sightings from Saurashtra and Kachchh coastline. Also in Gujarat. Seen inland also.

220. Long-toed Stint: *Calidris subminuta*

Vagrant.A sighting from Jamnagar (Bhatia & Solanki 2016).

221. Sanderling: *Calidris alba*

Common winter visitor. Mainly coastal areas. Sightings from Saurashtra and Kachchh coastline. Rare in Gujarat.

222. Curlew Sandpiper: *Calidris ferruginea*

Common winter visitor. Mainly coastal areas. Common in Jamnagar. Sightings from Saurashtra and Kachchh coastline. Also in Gujarat.

223. Dunlin: *Calidris alpina*

Common winter visitor. Mainly coastal areas. Common in Jamnagar. Sightings from Saurashtra and Kachchh coastline. Rare in Gujarat.

****Spoon-billed Sandpiper:** *Eurnyorhynchus pygmaeus*

Hypothetical. Included in Parasharya *et al.* (2004). One unconfirmed sighting from Porbandar area (Dhadhal 2005). Should not be included without proper documentation.

224. Broad-billed Sandpiper: *Limicola falcinellus*

Uncommon winter visitor. Mainly coastal areas. Common in Jamnagar. Sightings from Saurashtra and Kachchh coastline. Rare in South Gujarat area?

Coursers and Pratincoles (Plate 65)

225. Cream-coloured Courser: *Cursorius cursor*

Uncommon to rare winter visitor. Sightings from LRK, GRK and grasslands from Kachchh. Rare/vagrant elsewhere.

226. Indian Courser: *Cursorius coramandelicus*

Common to uncommon resident. Present all over the state but scattered. Very common in grasslands in Kachchh. Scattered sightings from all over Saurashtra. In Gujarat and South Gujarat also.

227. Collared Pratincole: *Glareola pratincola*

Uncommon to rare resident. Also local migrant. Breeding in Nalsarovar BS and in other locations. Sightings from LRK, GRK, Jamnagar area and in other places in Saurashtra and Kachchh.

228. Oriental Pratincole: *Glareola maldivarum*

Uncommon to rare resident. Also local breeding migrant. Sightings from LRK, GRK, Jamnagar area and in other places in Saurashtra and Kachchh. Breeding in a few locations in the state.

229. Small Pratincole: *Glareola lactea*

Common to uncommon resident. Also mosoon breeding migrant. All over the state. Infrequent sightings. In Saurashtra, Gujarat and Kachchh. Common in Nalsarovar. Seen in Saurashtra regularly before monsoon.

Large Gulls and Smaller Gulls (Plate 66, 67)

230. Caspian Gull: *Larus cachinnans*

cachinnans: Rare winter visitor. Probably in coastal areas of Saurashtra and Kachchh. Only a few confirmed records (Ganpule 2015a).

mongolicus: Gulls similar to *mongolicus* have been recorded in Gujarat in the winter. Further research required.

231. Heuglin's Gull: *Larus heuglini*

heuglini: Common winter visitor. Sightings from all over the state. Common in coastal areas of Saurashtra and Kachchh. Also in Gujarat and South Gujarat areas.

*taimyrensis***:** Rare winter visitor. Gulls attributable to this taxon are seen in Okha and in other parts of Gujarat (P.Ganpule, in print). Further research required.

232. Steppe Gull: *Larus (heuglini) barabensis*

Common winter visitor. Coastal areas of Saurashtra, Kachchh and Gujarat.

233. Pallas's Gull: *Ichthyaetus ichthyaetus*

Common winter visitor. Seen in good numbers in all of Saurashtra and Kachchh. Also in Gujarat.

****Sooty Gull:** *Larus hemprichii*

Hypothetical. Unrecorded but could be occurring off the Gujarat coast, especially Kachchh. A sighting in RNBWS database in Arabian Sea, about 225 km west of Koteshwar, Kachchh (Observation ID: 1780, February 1958).

234. Mew Gull: *Larus canus*

Vagrant. Sighting from Diu (Olsen 2006). Recently photographed from Kachchh (Eaton 2013). Could be occurring in the coastal areas of Kachchh and Saurashtra and is probably overlooked.

235. Brown-headed Gull: *Chroicocephalus brunnicephalus*

Common winter visitor. Seen all over the state in good numbers.

236. Black-headed Gull: *Chroicocephalus ridibundus*

Common winter visitor. Seen all over the state in good numbers.

237. Slender-billed Gull: *Chroicocephalus genei*

Common resident and winter migrant. Largely coastal and seen in Kachchh and Saurashtra coast. Rare in South Gujarat coast. Breeds in LRK, GRK and in Charakhala, near Jamnagar.

238. Little Gull: *Hydrocoloeus minutus*

Vagrant. Winter. Very few sightings from Jamnagar and Kachchh coastal areas [Ali (1976), Varu (1991), Bapat & Himmatsinhji (1992), Parasharya *et al*. (1999)]. See Praveen *et al.* (2014) for a detailed ananlysis on the occurrence of this species.

Large Terns, Medium-sized Terns and Small Terns (Plate 68, 69, 70)

239. Gull-billed Tern: *Gelochelidon nilotica*

Common winter visitor. Seen in coastal areas of Saurashtra and Kachchh fairly commonly. Common in Gujarat and South Gujarat areas also.

240. Caspian Tern: *Hydroprogne caspia*

Common resident. Also winter migrant. Seen in coastal areas of Saurashtra and Kachchh fairly commonly. Uncommon in South Gujarat. Breeds in LRK and in Gulf of Kachchh.

241. Lesser Crested Tern: *Thalasseus bengalensis*

Common winter visitor. Seen in coastal areas of Saurashtra and Kachchh fairly commonly. Uncommon in South Gujarat. Common in MNP.

242. Sandwich Tern: *Thalasseus sandvicensis*

Uncommon winter visitor. Sightings from some coastal areas of Saurashtra. In small numbers in MNP. Sightings from Kachchh also. Rare in South Gujarat.

243. Greater Crested Tern: *Thalasseus bergii*

Uncommon to rare winter visitor. Sightings from some coastal areas of Saurashtra and Kachchh. Also from Gujarat.

244. River Tern: *Sterna aurantia*

Common resident. Sightings form all over the state. Common in coastal areas of Saurashtra and Kachchh and also in fresh water lakes. Also in Gujarat and South Gujarat.

****Roseate Tern:** *Sterna dougallii*

Hypothetical. Unrecorded but could be occurring off the Gujarat coast. Recent unconfirmed sighting near Dwarka (Ganpule 2013).

245. Common Tern: *Sterna hirundo*

Uncommon passage migrant and winter visitor. Sightings from some coastal areas of Saurashtra and Kachchh. Uncommon in Gujarat and South Gujarat areas.

246. White-cheeked Tern: *Sterna repressa*

Uncommon winter visitor. In MNP area. Sightings reported from Kachchh and Jamnagar coast. Record from Porbandar (Parasharya & Mukherjee 2001).

247. Little Tern: *Sternula albifrons*

Common resident. Sightings from all over Gujarat. Common in Jamnagar area, and other areas of Saurashtra. In Kachchh also.

248. Saunders's Tern: *Sternula saundersi*

Uncommon monsoon breeding migrant. Sightings from coastal areas of Jamnagar and Kachchh. Rare elsewhere. Probably overlooked in winter.

249. Black-bellied Tern: *Sterna acuticauda*

Rare? Probably migrant. Sightings from Jamnagar, Porbandar area. Rare elsewhere. Probably overlooked in non-breeding plumage.

250. Whiskered Tern: *Chlidonias hybrida*

Common winter visitor. Sightings from all over the state in good numbers.

251. White-winged Black Tern: *Chlidonias leucopterus*

Uncommon passage migrant / winter visitor. Scattered records from Nalsarovar BS, Rajkot, Jamnagar, Porbandar and Kachchh. Rare elsewhere. Breeding plumaged birds regularly seen in small numbers in Nalsarovar, Porbandar and in other areas in April – June (Bhatt *et al*. 2014).

252. Black Tern: *Chlidonias niger*

Vagrant. Sighting from Nalsarovar area (Bhatt *et al.* 2014). See Praveen *et al.* (2014) for details of other sightings from Gujarat.

Pelagic Terns, Noddies and Skimmer (Plate 71)

253. Bridled Tern: *Onychoprion anaethetus*

Vagrant. A bird ringed in Saudi Arabia recovered from Surat (Thakor 2012), an injured bird also from Surat (Kasambe *et al*. 2014) and a dead bird in Kachchh (Jugal Tiwari, *pers.comm*, in print). An injured bird recovered from Ahmedabad (Rafique 2012). Could occur as a monsoon / winter vagrant.

254. Sooty Tern: *Onychoprion fuscatus*

Vagrant. Recent sighting from MNP in 2008 (Deomurari 2009) and one earlier probable record (Tatu 1992). Also from Valsad (Jat & Parasharya 2015). Wind bown birds from other areas of the state. One individual from Saurashtra coast in 2015.

255. Brown Noddy: *Anous stolidus*

Vagrant. A single bird near Mundra Port in Kachchh (Aneesh 2015). An earlier record from Jakhau, Kachchh (Devesh Gadhvi, *pers.comm*).

256. Indian Skimmer: *Rynchops albicollis*

Uncommon to rare migrant. In late monsoon and winter months. Sightings from Jamnagar area, Nalsarovar BS and scattered elsewhere in Saurashtra and Kachchh. Rare in South Gujarat.

Skuas (Plate 72)

257. Pomarine Skua: *Stercorarius pomarinus*

Vagrant. Recent sightings from Diu (Mundkur *et al.* 2010) probably this species, a probable bird from Nalsarovar area (Trivedi & Sama 2010), and a sighting (with photo) from Madhavpur beach, near Porbandar (Rajnikant Trivedi, *pers. comm*., photo available, in print).

258. Arctic Skua: *Stercorarius parasiticus*

Vagrant. A recent sighting from LRK (Ganpule 2011b) and one from a pelagic tour in January 2016 in Gulf of Kachchh (sighting with photo on eBird, E. Munshi).

Sandgrouses (Plate 73, 74)

259. Pin-tailed Sandgrouse: *Pterocles alchata*
Vagrant. Historical record (Nurse 1902). No recent sightings.

260. Chestnut-bellied Sandgrouse: *Pterocles exustus*
Common resident. Common in dry and arid areas of Saurashtra and Kachchh. Also in Gujarat and South Gujarat.

261. Spotted Sandgrouse: *Pterocles senegallus*
Rare winter visitor. But vagrant now. Many historical records. No recent sightings. Could be occurring in LRK, GRK, and Kachchh.

262. Black-bellied Sandgrouse: *Pterocles orientalis*
Rare winter visitor. But vagrant now. Many historical records. No recent sightings. Could be occurring in LRK, GRK and Kachchh.

263. Painted Sandgrouse: *Pterocles indicus*
Uncommon resident. Sightings from Gir NP area, Kachchh, Gujarat and South Gujarat.

Pigeons, Doves and Green Pigeons (Plate 75, 78, 80)

264. Common Pigeon: *Columba livia*
Very common resident. Seen in good numbers all over the state. In every part of Gujarat.

265. Yellow-eyed Pigeon: *Columba eversmanni*
Vagrant. Recent sighting from LRK (Malik 2010).

266. Oriental Turtle Dove: *Streptopelia orientalis*
Common to uncommon winter visitor. Scattered sightings from all over the state. Fairly common in Gir NP and South Gujarat.

267. Eurasian Collared Dove: *Streptopelia decaocta*
Common resident. Sightings from all over the state in good numbers.

268. Red Collared Dove: *Streptopelia tranquebarica*
Common resident. Sightings from all over the state in good numbers.

269. Spotted Dove: *Streptopelia chinensis*
Common resident. Sightings from all over the State in good numbers.

270. Laughing Dove: *Streptopelia senegalensis*
Common resident. Sightings from all over the state in good numbers.

271. Grey-fronted Green Pigeon:
Treron (pompadora) affinis
Rare resident. Recent records from Dang forest (Mukesh Bhatt, *pers. comm.)*. Also included in Parasharya *et al.* (2004).

272. Yellow-footed Green Pigeon: *Treron phoenicopterus*
Common to uncommon resident and local migrant. Common in Gir NP. Uncommon and scattered sightings form Saurashtra and Kachchh. Common in forest areas from North to South Gujarat.

273. Emerald Dove: *Chalcophaps indica*
Uncommon / rare resident. Probable winter migrant also. Occurs in Dang and surrounding forest areas.

Hanging Parrots and Parakeets (Plate 81, 82)

****Vernal Hanging Parrot:** *Loriculus vernalis*
Vagrant. Recently photographed in Morbi (Ganpule 2011c). Probably an escapee (caged bird). However if there are sightings in the future, this may be revised.

274. Alexandrine Parakeet: *Psittacula eupatria*
Common resident. Seen in good numbers in forest areas of Gujarat. Scattered elsewhere with some sightings from Saurashtra. Rare in Kachchh.

275. Rose-ringed Parakeet: *Psittacula krameri*
Very common resident. Seen in good numbers all over the state.

276. Plum-headed Parakeet: *Psittacula cyanocephala*
Common resident. Seen in good numbers in Saurashtra (Gir NP areas) and in Gujarat also. Scattered elsewhere. Rare in Kachchh.

Cuckoos (Plate 83, 84, 85)

277. Jacobin Cuckoo: *Clamator jacobinus*

Common monsoon migrant. Seen in all parts of Gujarat. Common in Gir NP and in vidis of Saurashtra. Seen in Kachchh. Some records in winter also.

278. Chestnut-winged Cuckoo: *Clamator coromandus*

Vagrant. Sighting from South Gujarat (Desai 2005).

279. Common Hawk Cuckoo: *Hierococcyx varius*

Common to uncommon resident and migrant. Common in South Gujarat, Gir NP in Saurashtra, uncommon elsewhere. Rare in Kachchh.

280. Indian Cuckoo: *Cuculus micropterus*

Uncommon / Rare monsoon migrant? In Dang and other forest areas in South and Central Gujarat (Monga & Naoroji 1983).

281. Eurasian Cuckoo: *Cuculus canorus*

Common to uncommon autumn passage migrant and monsoon breeding migrant. Sightings from Kachchh and North Gujarat. Also in Saurashtra. Rare elsewhere.

282. Lesser Cuckoo: *Cuculus poliocephalus*

Vagrant. In monsoon? Record from South Gujarat (Shull 1962). Could be occurring in Dang and other forest areas in South Gujarat. Probably overlooked.

283. Banded Bay Cuckoo: *Cacomantis sonneratti*

Rare. Resident in Gujarat forests. Many historical records. Could be occurring up to some parts of Central and North Gujarat.

284. Grey-bellied Cuckoo: *Cacomantis passerinus*

Common to uncommon resident. Also monsoon migrant. Resident in South Gujarat forests. Recent sighting from Sabarkantha. In Gir NP area in monsoon, also scattered records from elsewhere in Saurashtra and Kachchh (Bagda *et al.* 2015).

Drongo Cuckoo, Asian Koel, Malkohas and Coucals (Plate 86, 87)

285. Drongo Cuckoo: *Surniculus lugubris*

Uncommon to rare monsoon migrant. Recent sightings from Dang forest areas and other forest areas in South Gujarat. Also in Gir NP area in Saurashtra. Absent in Kachchh.

286. Asian Koel: *Eudynamys scolopaceus*

Common resident. Very common. Seen in good numbers all over the state.

287. Blue-faced Malkoha: *Rhopodytes viridirostris*

Vagrant. In South Gujarat (Monga & Naoroji 1983). Historical record from Baroda (Ali 1954). Could be occurring in South Gujarat forests.

288. Sirkeer Malkoha: *Taccocua leschenaultia*

Uncommon to rare resident. Seen in dry and arid scrub areas of Kachchh, Saurashtra and Gujarat. Not common anywhere.

289. Greater Coucal / Southern Coucal: *Centropus (sinensis) parroti*

Common resident. Very common. Seen in good numbers all over the state. Southern Coucal is common resident. Status of Greater Coucal not known, but could be occurring.

Owls, Scops Owls, Owlets, Eagle & Fish Owls (Plate 88 to 93)

290. Barn Owl: *Tyto alba*

Common to uncommon resident. Seen in all parts of the state with sightings from cities as well as scrub and jungle areas.

291. Long-eared Owl: *Asio otus*

Vagrant. Winter. Historical Record (Ali 1954). Recent sightings in GRK (Joshua 2006, Deomurari 2012a, with photo).

292. Short-eared Owl: *Asio flammeus*

Common to uncommon winter visitor. Seen in LRK, GRK and Kachchh fairly commonly. Rare elsewhere but occurring in other parts of the state also.

293. Indian Scops Owl: *Otus bakkamoena*

Common to uncommon resident. Seen in forest areas in Gujarat and in Gir NP. Rare / absent elsewhere in Saurashtra and Kachchh.

294. Pallid Scops Owl: *Otus brucei*

Rare / Uncommon winter visitor. Sightings from LRK and GRK areas. Isolated sightings elsewhere in Saurashtra and Kachchh. A record near Ahmedabad.

295. Eurasian Scops Owl: *Otus scops*

Vagrant. Winter. Historical record (Dharmakumarsinhji 1955). Recent sighting near Bhavnagar (Bhil 2016). No confirmed sightings elsewhere. Believed to be a vagrant.

296. Oriental Scops Owl: *Otus sunia*

Rare resident. Seen in South Gujarat forest areas and isolated records from Gir NP and Gandhinagar. Rare / absent elsewhere in Saurashtra and Kachchh.

297. Jungle Owlet: *Glaucidium radiatum*

Common resident. Seen in Gujarat forest areas. Rare / absent elsewhere in Saurashtra and Kachchh.

298. Spotted Owlet: *Athene brama*

Common resident. Very common. Seen in good numbers all over the state.

299. Forest Owlet: *Heteroglaux blewitti*

Very rare resident. Sighting from South Gujarat forest bordering Maharashtra. Not seen in other areas of South Gujarat also. Confirmed records from Purna WLS (Patel *et al.* 2015) and Dang Forest (Mukesh Bhatt, *pers.comm*., in print).

300. Indian Eagle Owl: *Bubo (bubo) bengalensis*

Uncommon resident. Sightings from GRK, Saurashtra areas like Rajkot, Surendranagar and other parts. In Gujarat also. Widespread but uncommon.

301. Dusky Eagle Owl: *Bubo coromandus*

Rare resident. Seen in South Gujarat and Central Gujarat forest areas. Rare / absent elsewhere in Saurashtra and Kachchh.

302. Brown Fish Owl: *Ketupa zeylonensis*

Uncommon resident. Seen in Gujarat forest areas and in Gir NP. Rare / absent elsewhere in Saurashtra and Kachchh.

303. Mottled Wood Owl: *Strix ocellata*

Uncommon resident. Seen in Gujarat forest areas and in Gir NP area. Rare / absent elsewhere in Saurashtra and Kachchh.

304. Brown Wood Owl: *Strix leptogrammica*

Rare resident. Sightings from South Gujarat forest areas. Not seen anywhere else.

305. Brown Hawk Owl: *Ninox scutuluta*

Uncommon / rare resident. Seen in South Gujarat forests. Recently found in Gir NP and isolated records from Thol BS. Rare / absent elsewhere in Saurashtra and Kachchh.

Frogmouths and Nightjars (Plate 94, 95)

306. Sri Lanka Frogmouth: *Batrachostomus monileger*

Vagrant. Could be occurring in South Gujarat forests. Single sighting reported (Khachar 1996). Sighting reported by Pilo *et al.* (1996) most probably this species (see next species account).

****Hodgson's Frogmouth:** *Batrachostomus hodgsoni*

Vagrant. Recent sighting from Shoolpaneshwar WLS (Pilo *et al.* 1996), but details of how it was separated from Sri Lanka Frogmouth not reported in this paper. Inclusion debatable, and this sighting is believed to be of Sri Lanka Frogmouth.

307. Jungle Nightjar: *Caprimulgus indicus*

Common resident. Common in North to South Gujarat forests. Uncommon in Saurashtra with sightings from Gir NP. Rare elsewhere.

308. European Nightjar: *Caprimulgus europaeus*

Uncommon passage migrant in autumn. Recent sightings from GRK. Not recorded elsewhere.

309. Sykes's Nightjar: *Caprimulgus mahrattensis*

Uncommon winter visitor. Sightings from LRK, GRK, Velavadar NP and isolated records from other parts of the state. Rare elsewhere. Recently discovered breeding in GRK, LRK.

310. Large-tailed Nightjar: *Caprimulgus macrurus*

Vagrant / Rare winter visitor. Recent sightings from South Gujarat (Trivedi & Soni 2006) and Kachchh (Mishra & Singh 2010).

311. Indian Nightjar: *Caprimulgus asiaticus*

Common resident. Seen all over the state. Fairly common.

312. Savanna Nightjar: *Caprimulgus affinis*

Common resident. Seen all over the state. Rare in Kachchh.

Swifts (Plate 96, 97, 98)

313. Asian Palm Swift: *Cypsiurus balasiensis*

Common resident. Sightings from South Gujarat forests, Gir NP and scattered sightings from other parts of Saurashtra and Kachchh.

314. Alpine Swift: *Tachymarptis melba*

Common to uncommon winter visitor. Probably nomadic. Scattered sightings from South Gujarat, North Gujarat, Saurashtra. Also in Kachchh.

315. Crested Treeswift: *Hemiprocne coronata*

Uncommon resident. Sightings from Gujarat forests and from Gir NP.

316. Common Swift: *Apus apus*

Vagrant. No recent sightings. Historical record from Saurashtra (Lavkumar 1958).

****Pallid Swift:** *Apus pallidus*

Hypothetical. Sighting from Saurashtra (Khachar 1996) needs verification. Could be occurring in coastal areas of western Kachchh.

317. Fork-tail Swift: *Apus pacificus*

Vagrant. No recent sightings. Historical sighting from Saurashtra (Shivrajkumar 1964a).

318. Little Swift: *Apus affinis*

Common resident. Sightings from South Gujarat forests, Gir NP and scattered sightings from other parts of Saurashtra and Kachchh.

Hoopoe, Trogons and Rollers (Plate 99)

319. Common Hoopoe: *Upupa epops*

Common winter visitor. Seen commonly all over the state.

320. Malabar Trogon: *Harpactes fasciatus*

Uncommon / rare resident. Sightings from South Gujarat forest areas only, mainly Dangs.

321. Indian Roller: *Coracias benghalensis*

Common resident. Seen commonly in Gujarat, Saurashtra and Kachchh. Local migrant.

322. European Roller: *Coracias garrulus*

Common to uncommon autumn passage migrant. Seen commonly in Saurashtra and Kachchh in September and October. Uncommon in South Gujarat areas.

Kingfishers (Plate 100, 101)

323. Stork-billed Kingfisher: *Pelargopsis capensis*

Rare resident. Historical records (Ali 1954). Current status not known and is probably very rare now in the forest areas from North to South Gujarat. Further study required. (Trivedi & Soni 2006).

324. White-throated Kingfisher: *Halcyon smyrnensis*

Very common resident. Seen commonly all over the state.

325. Black-capped Kingfisher: *Halcyon pileata*

Uncommon to rare resident and local migrant. Sightings from South Gujarat, Kachchh and Saurashtra areas like Jamnagar and Girnar WLS, in Kachchh and other isolated records from across the state. Many sightings reported (Rank & Parasharya 2005).

326. Oriental Dwarf Kingfisher: *Ceyx erithaca*

Vagrant. In monsoon. Recently photographed from Dangs forest (Jat 2015). Record from Ahmedabad.

327. Common Kingfisher: *Alcedo atthis*

Common resident. Seen commonly all over the state.

328. Pied Kingfisher: *Ceryle rudis*

Common resident. Seen commonly all over the state.

Bee-eaters (Plate 102)

329. Blue-bearded Bee-eater: *Nyctyornis arthertoni*

Vagrant. Historical record from South Gujarat forests (Ali 1954). No recent sightings.

330. Green Bee-eater: *Merops orientalis*

Common resident. Seen commonly all over the state.

331. Blue-cheeked Bee-eater: *Merops percisus*
Common passage migrant. Seen commonly in Saurashtra and Kachchh in September and October. Uncommon in South Gujarat.

332. Blue-tailed Bee-eater: *Merops philippinus*
Common to uncommon resident. Also local migrant. Common in Gujarat and South Gujarat. Rarer in Saurashtra and Kachchh.

333. Chestnut-headed Bee-eater: *Merops leschenaulti*
Vagrant. Sighting from Rajpipla (Monga 1983).

334. European Bee Eater: *Merops apiaster*
Vagrant. Passage migrant. Historical records. Recently reported from Porbandar (Bharat Rughani, *pers.comm*) and Surat (Thakor 2013).

Hornbills (Plate 103)

335. Indian Grey Hornbill: *Ocyceros birostris*
Uncommon to rare resident. Sightings from South and Central Gujarat forest areas. Recent sighting from Gir NP. Absent elsewhere.

Barbets (Plate 105, 106)

336. Brown-headed Barbet: *Megalaima zeylanica*
Common resident. Forests in Central to South Gujarat.

337. White-cheeked Barbet: *Megalaima viridis*
Rare resident. Also winter visitor? Only in South Gujarat forests. Not present in Saurashtra and Kachchh.

338. Coppersmith Barbet: *Megalaima haemacephala*
Common resident. Seen commonly all over the state.

Wryneck and Woodpeckers (Plate 107 to 112)

339. Eurasian Wryneck: *Jynx torquilla*
Common to uncommon winter visitor. All over the state.

340. Heart-spotted Woodpecker: *Hemicircus canente*
Uncommon to rare resident. In forest area from South to Central Gujarat.

341. Rufous Woodpecker: *Micropternus brachyurus*
Uncommon resident. In forest area from South to Central Gujarat.

342. White-bellied Woodpecker: *Dryocopus javensis*
Rare resident. In South Gujarat forests only.

343. Brown-capped Pygmy Woodpecker: *Dendrocopus nanus*
Uncommon resident. In forests from North to South Gujarat. Uncommon in Gir NP. Scattered sightings elsewhere.

344. Yellow-crowned Woodpecker: *Dendrocopus mahrattensis*
Common resident. All over the state. Fairly common.

345. Lesser Yellownape: *Picus cholorophus*
Uncommon resident. In forest area from South to Central Gujarat.

346. Streak-throated Woodpecker: *Picus xanthopygaeus*
Uncommon to rare resident. In North to South Gujarat forests. Absent elsewhere.

347. Lesser Goldenback: *Dinopium benghalense*
Common resident. In Gir NP in Saurashtra and from North to South Gujarat forests. Isolated records from elsewhere.

348. Greater Goldenback: *Chrysocolaptes lucidus*
Uncommon resident. In forest from South to Central Gujarat.

349. White-naped Woodpecker: *Chrysocolaptes festivus*
Uncommon resident. In forest from South to Central Gujarat. Isolated record from Saurashtra (Dharmakumarsinhji 1965).

Pittas, Woodshrikes and Woodswallow (Plate 113, 114)

350. Indian Pitta: *Pitta brachyura*

Common to uncommon monsoon migrant (breeding). In Saurashtra, Gujarat and scattered records from Kachchh. Common in Gir NP, Hingolgadh in Saurashtra.

351. Malabar Woodshrike:
Tephrodornis (virgatus) sylvicola

Vagrant. Historical record (Ali 1954).

352. Common Woodshrike: *Tephrodornis pondicerianus*

Common resident. All over the state.

353. Ashy Woodswallow: *Artamus fuscus*

Rare resident. In South Gujarat forests (Vyas & Upadhaya 2015).

Cuckooshrikes, Ioras and Minivets (Plate 115, 116, 117)

354. Large Cuckooshrike: *Coracina macei*

Common resident. In South Gujarat forest areas and Gir NP areas in Saurashtra. Occasional in other parts of Saurashtra.Vagrant to Kachchh.

355. Black-winged Cuckooshrike: *Coracina melaschistos*

Vagrant. A sight record from Sagai forest, Shoolpaneshwar, South Gujarat (Bhatt *et al.* 2015).

356. Black-headed Cuckooshrike: *Coracina melanoptera*

Common resident. In forest areas in Gujarat. Uncommon in Saurashtra and Vagrant to Kachchh.

357. Bar-winged Flycatcher Shrike: *Hemipus picatus*

Uncommon resident. In South Gujarat forest.

358. Common Iora: *Aegithina tiphia*

Common resident. Common in Gujarat, South Gujarat, Gir NP area. Rare in arid areas of Saurashtra and absent in Kachchh. Status in North Gujarat unclear.

359. Marshall's Iora: *Aegithina nigrolutea*

Uncommon resident. Common in Kachchh and arid areas of Saurashtra and North Gujarat. Rare elsewhere. Probably absent in South Gujarat. Status in Gir NP unclear.

360. White-bellied Minivet: *Pericrocotus erythropygius*

Uncommon to rare resident. In Saurashtra and Kachchh. Rare in Gujarat. In thorn and scrub forests of Kachchh. Also in Gir NP and Hingolgadh in Saurashtra.

361. Small Minivet: *Pericrocotus cinnamomeus*

Common resident. Fairly common all over the state in suitable habitat.

362. Long-tailed Minivet: *Pericrocotus ethologus*

Vagrant. Winter. From North Gujarat and near Bhavnagar (Dharmakumarsinhji 1986).

363. Orange Minivet: *Pericrocotus flammeus*

Uncommon resident. In South Gujarat forests.

364. Scarlet Minivet: *Pericrocotus (flammeus) speciosus*

Vagrant. Kachchh (Himmatsinhji 1982).

Shrikes (Plate 118, 119)

365. Brown Shrike: *Lanius cristatus*

Winter visitor. Two subspecies occur.

cristatus: Uncommon winter visitor. Sightings from South Gujarat, Saurashtra and Kachchh.

lucionensis: Vagrant, with two records from Kachchh.

366. Red-backed Shrike: *Lanius collurio*

Uncommon passage migrant. In LRK and GRK with many sightings during autumn passage. Isolated records from elsewhere. A few records during spring migration? Needs verification.

367. Isabelline Shrike: *Lanius isabellinus*

Winter visitor. Three subspecies occur.

arenarius: common winter visitor. All over the state in suitable habitat.

isabellinus: rare winter visitor in desert and arid areas in GRK, LRK.

tsaidamensis: probably very rare winter visitor, but best treated as 'data deficient'.

368. Red-tailed Shrike: *Lanius phoenicuroides*

Rare passage migrant. Autumn. Mainly Kachchh. Birds seen here are of *phoenicuroides* type. *karelini* morph noted once in Saurashtra (P.Ganpule, in print).

369. Bay-backed Shrike: *Lanius vittatus*
Common resident. In all parts of the state.

370. Long-tailed Shrike: *Lanius schach*
Common resident. In all parts of the state.

371. Southern Grey Shrike: *Lanius meridionalis*
Common resident. All over the state. Common in LRK and GRK.

372. Steppe Grey Shrike:
Lanius (meridionalis) pallidirostris

Uncommon to rare winter visitor. In LRK and GRK (Ganpule 2016).

Drongos (Plate 120, 121)

373. Greater Racket-tailed Drongo: *Dicrurus paradiseus*
Uncommon resident. South Gujarat forests.

374. Spangled Drongo: *Dicrurus hottentottus*
Rare resident. Sightings from South Gujarat forest areas. Vagrant to Kachchh (Lavkumar 1956).

375. Black Drongo: *Dicrurus macrocercus*
Very common resident. In all areas of the state.

376. Ashy Drongo: *Dicrurus leucophaeus*
Common winter visitor. In Gujarat forests and Gir NP in Saurashtra. Rare in Kachchh.

377. White-bellied Drongo: *Dicrurus caerulescens*
Uncommon winter migrant and resident. In South Gujarat forests and forested areas in Saurashtra. Rare in Kachchh.

****Bronzed Drongo:** *Dicrurus aeneus*
Hypothetical. Could be occurring in South Gujarat forests.

Orioles (Plate 122)

378. Indian Golden Oriole: *Oriolus (oriolus) kundoo*
Common resident. Also local migrant. In South Gujarat, Saurashtra. Scattered records from Kachchh.

379. Black-naped Oriole: *Oriolus chinensis*
Vagrant. Recorded (photographed) from Kachchh (Turk 2010) and Jamnagar (Joshi 2010).

380. Black-hooded Oriole: *Oriolus xanthornus*
Uncommon resident and probably also winter visitor. In forest areas from South to North Gujarat. Scattered records from Saurashtra and Kachchh.

Fantails, Paradise-flycatcher, Monarch and Treepie (Plate 123, 125)

381. White-spotted Fantail:
Rhipidura (albicollis) albogularis
Common to uncommon resident. Gujarat and South Gujarat forests. Absent in Saurashtra?

382. White-browed Fantail: *Rhipidura aureola*
Common resident. Gujarat and South Gujarat forests. In Gir NP in Saurashtra. Rare in in other parts of Saurashtra and Kachchh.

383. Asian Paradise-flycatcher: *Terpsiphone paradisi*
Common resident and migrant. In almost all parts of the state. Uncommon in Kachchh. Common in Gir NP in breeding season. Widespread.

384. Black-naped Monarch: *Hypothymis azurea*
Common resident. Common in South Gujarat forests. Uncommon in Saurashtra with sightings from Gir NP area, Porbandar, Rajkot. Rare in Kachchh.

385. Rufous Treepie: *Dendrocitta vagabunda*
Common resident. Common in Gujarat forests. In forest and scrub areas of Saurashtra. Uncommon in Kachchh but a sighting from GRK.

****White-bellied Treepie:** *Dendrocitta leucogastra*
Vagrant. A very old record from Gujarat (*J. Asiatic Soc. Bengal* 1871, Vol 40, Part 2: 214) considered unverified.

Crows (Plate 126, 127)

386. Indian Jungle Crow:
Corvus (macrorhynchis) culminatus
Common resident. In South Gujarat, Gujarat forests and in Gir NP in Saurashtra.

387. Brown-necked Raven: *Corvus ruficollis*
Vagrant. Winter. In Kachchh (Ali 1945, Khachar 1996).

388. Punjab Raven: *Corvus (corax) subcorax*
Uncommon / rare migrant. Kachchh. Vagrant elsewhere. Specimen from Little Rann of Kachchh (NMNH).

389. House Crow: *Corvus splendens*
Very common resident. Common all over the state in good numbers.

Tits (Plate 128)

390. White-naped Tit: *Parus nuchalis*
Rare resident. In thorn and scrub forest of Kachchh and North Gujarat.

391. Great Tit: *Parus major*
Common resident. In forest belt from North to South Gujarat. In Gir NP in Saurashtra.

392. Indian Yellow Tit: *Parus (xanthogenys) aplonotus*
Common to uncommon resident. In forest belt from North to South Gujarat.

Martins and Swallows (Plate 131, 132, 133)

393. Plain Martin: *Riparia paludicola*
Common resident. Sightings from Saurashtra and Gujarat. Also from Kachchh.

394. Sand Martin: *Riparia riparia*
Uncommon winter visitor. Sightings from Saurashtra and Kachchh. Common in Banni area in Kachchh. Also in Gujarat, but probably rare.

395. Pale Martin: *Riparia diluta*
Common winter visitor. Sightings from all over the state.

396. Eurasian Crag Martin: *Ptyonoprogne rupestris*
Uncommon winter visitor. Sightings from Saurashtra and Gujarat. In Gir NP in Saurashtra.

397. Rock Martin: *Ptyonoprogne fuligula*
Vagrant? Winter. Status Uncertain with sightings reported in some trip reports. Sighting from GRK (Grimmett *et al.* 2011). Details of sighting could not be traced, but is probably a historical record, as it is given for Kachchh (Butler 1879).

398. Dusky Crag Martin: *Ptyonoprogne concolor*
Common resident. Sightings from all over the state.

399. Common House Martin: *Delichon urbicum*
Vagrant. Sighting from South Gujarat forests (Ali 1954) and Jasdan, Saurashtra (Dharmakumarsinhji 1968).

400. Streak-throated Swallow: *Petrochelidon flavicola*
Common to uncommon resident. In all parts of the state including Kachchh.

401. Wire-tailed Swallow: *Hirundo smithii*
Common resident. Fairly common all over the state.

402. Barn Swallow: *Hirundo rustica*
Common winter migrant. All over the state.

403. Red-rumped Swallow: *Cercopis daurica*
Common resident. Fairly common all over the state.

Larks (Plate 134, 135, 136, 137)

404. Singing Bushlark: *Mirafra cantillans*
Unommon resident. In arid areas of Saurashtra, Kachchh and North Gujarat. Uncommon in South Gujarat.

405. Indian Bushlark: *Mirafra erythroptera*
Common resident. All over the state.

406. Greater Hoopoe Lark: *Alaemon alaudipes*
Uncommon resident. In LRK and GRK only.

407. Bimaculated Lark: *Melanocorypha bimaculata*
Uncommon winter visitor. In arid areas of Saurashtra and Kachchh. Rare elsewhere.

408. Rufous-tailed Lark: *Ammomanes phoenicura*

Very common resident. In LRK, GRK and other arid, scrub areas of Saurashtra. Also in Gujarat.

409. Desert Lark: *Ammomanes deserti*

Uncommon / rare resident and local migrant. Kachchh, LRK and GRK only.

410. Greater Short-toed Lark: *Calandrella brachydactyla*

Common winter visitor. In LRK, GRK and other areas of Saurashtra and Kachchh. Also in other parts of the state.

411. Hume's Short-toed Lark: *Calandrella acutirostris*

Vagrant or rare winter visitor. Specimen from Sidhpur in FMNH. Recent records from Velavadar and LRK (eBird, Ramit Singal). Possibly overlooked due to identification difficulties.

412. Sand Lark: *Calandrella raytal*

Common resident. In Kachchh and Saurashtra areas. Scattered elsewhere.

413. Black-crowned Sparrow Lark: *Eremopterix nigriceps*

Rare resident. Sightings from LRK and GRK.

414. Ashy-crowned Sparrow Lark: *Eremopterix griseus*

Very common resident. In all parts of the state.

415. Crested Lark: *Galerida cristata*

Common resident. In LRK, GRK and other barren and arid areas of Saurashtra. Uncommon in South Gujarat.

416. Malabar Lark: *Galerida malabarica*

Rare / Uncommon resident. In South Gujarat (Ali 1954, Monga & Naoroji 1983). Status in Saurashtra uncertain, probably absent.

417. Sykes's Lark: *Galerida deva*

Uncommon resident. In Kachchh and Saurashtra. Rare in South Gujarat.

****Eurasian Skylark:** *Alauda arvensis*

Rare winter visitor? Not included in Parasharya *et al.* (2004). A question mark over its occurrence in Kachchh is given in Grimmett *et al.* (2011). Listed for Narayan Sarovar Sanctuary in Kachchh (GEER 2001). No photographs of this species from Gujarat on OBI or other websites. Could occur but is probably overlooked. May be revised in the future.

418. Oriental Skylark: *Alauda gulgula*

Common to uncommon resident. In Saurashtra, Kachchh and Gujarat.

Hypocolius and Bulbuls (Plate 138, 139, 140, 141)

419. Grey Hypocolius: *Hypocolius ampelinus*

Uncommon to rare winter visitor. Seen in GRK regularly (near Fulay Village, Nakhatrana) and also in other areas in GRK. Recent sightings from LRK, Narara (Jamnagar) and Rajkot.

420. White-eared Bulbul: *Pycnonotus leucotis*

Common resident. All over the state in suitable habitat.

421. Red-whiskered Bulbul: *Pycnonotus jocosus*

Unommon resident. In South Gujarat (Monga & Naoroji 1983). Rare elsewhere.

422. Red-vented Bulbul: *Pycnonotus cafer*

Very common resident. All over the state in good numbers.

423. White-browed Bulbul: *Pycnonotus luteolus*

Common to uncommon resident. In South to Central Gujarat. Recent sightings from Thol BS and Rajkot.

Prinias and Cisticola (Plate 142, 143, 144)

424. Grey-breasted Prinia: *Prinia hodgsonii*

Common resident. In Saurashtra, Kachchh and Gujarat. Fairly common.

425. Graceful Prinia: *Prinia gracilis*

Common to uncommon resident. All parts of the State. Common in Velavadar NP. Also in LRK. Isolated records from elsewhere.

426. Jungle Prinia: *Prinia sylvatica*

Common resident. In all parts of the state.

427. Yellow-bellied Prinia: *Prinia flaviventris*

Rare migrant / Vagrant? breeding? Sighting from Thol BS (Mashru & Pandya 2008). A recent sighting from Thol (eBird, A. Chavda, photo available).

428. Ashy Prinia: *Prinia socialis*
Common resident. In all parts of the state.

429. Plain Prinia: *Prinia inornata*
Common resident. In all parts of the state.

430. Rufous-fronted Prinia: *Prinia buchanani*
Common resident. In all parts of the state.

431. Zitting Cisticola: *Cisticola juncidis*
Common resident. All over the state.

Tailorbird and Grassbirds (Plate 145)

432. Common Tailorbird: *Orthotomus sutorius*
Common resident. Common all over the state.

****Striated Grassbird:** *Megalurus palustris*
Hypothetical. Said to occur along the Tapti (Tapi) River (Ali & Ripley 1973). Could be occurring in the South Gujarat.

433. Bristled Grassbird: *Chaetornis striatus*
Rare monsoon migrant. Historical records from North Gujarat and Baroda. Recently discovered (in August 2010) breeding in good numbers in Kachchh (Bhatt 2010). Breeding near Amreli in Saurashtra (Joshi & Shah 2015). Could be occurring elsewhere but possibly overlooked.

Bush Warblers, *Locustella* and *Acrocephalus* Warblers (Plate 146, 148, 149)

****Cetti's Warbler:** *Cettia cetti*
Hypothetical. Could occur in Kachchh. Unconfirmed records (eBird) but no photos available. May be revised in the future if documented properly.

**** Lanceolated Warbler:** *Locustella lanceolata*
Vagrant. A specimen from Kachchh in BNHS, said to be this species and overlooked by all authorities (Donahue 1968). However, no specimen from Kachchh is given in Abdulali (1986) and hence treated here as unconfirmed. Ornithologists / researchers can verify the specimen and confirm. It will be an addition to the birds of Gujarat as there are no other published reports.

434. Grasshopper Warbler: *Locustella naevia*
Uncommon to rare winter visitor (possibly overlooked.) Sightings from South Gujarat. Recently recorded in Saurashtra (Joshi 2015). Historical records (Ali 1960).

435. Rusty-rumped Warbler: *Locustella certhiola*
Vagrant. A sighting reported from Nalsarovar by Yoav Perlman (Robson 1999).

436. Thick-billed Warbler: *Acrocephalus aedon*
Vagrant. Sightings from Kachchh (Ali 1960).

437. Clamorous Reed Warbler: *Acrocephalus stentoreus*
Common resident and migrant. All over the state. Breeding in good numbers in Nalsarovar BS.

438. Moustached Warbler: *Acrocephalus melanopogon*
Rare winter visitor. Sightings from Kachchh (Shivrajkumar 1961) and Saurashtra, also from central Gujarat (Kheda & Anand). Probably overlooked. Recent sightings from LRK.

439. Large-billed Reed Warbler: *Acrocephalus orinus*
Vagrant. A single report from Nalsarovar BS identified as this species (Trivedi & Ganpule 2016, in print).

440. Paddyfield Warbler: *Acrocephalus agricola*
Common winter visitor. All over the state in suitable habitats.

441. Blyth's Reed Warbler: *Acrocephalus dumetorum*
Common winter visitor and passage migant. All over the state in suitable habitats.

Hippolais and *Phylloscopus* Warblers (Plate 150, 151-154)

442. Booted Warbler: *Iduna caligata*
Common winter visitor. All over the state in suitable habitat.

443. Sykes's Warbler: *Iduna rama*
Common winter visitor. All over the state in suitable habitat.

444. Common Chiffchaff: *Phylloscopus collybita*
Common winter visitor. All over the state.

445. Mountain Chiffchaff: *Phylloscopus sindianus*
Vagrant . Sighting from Morbi (Ganpule 2015). Could be occurring in Kachchh.

446. Plain Leaf Warbler: *Phylloscopus neglectus*

Rare winter vitsitor or vagrant? A recent sighting from near Amreli (photo in OBI) is most probably this species. Could occur in Kachchh, is probably overlooked. Included here based on some records, like a pair seen in LRK in November 2004 (Robson 2005), though except for photo on OBI, other photos could not be obtained.

****Willow Warbler:** *Phylloscopus trochilus*

Vagrant. Specimen collected from Surat Dangs (Ali 1955). Re-identified as Greenish Warbler (Abdulali & Unninathan 1986). It is included in Parasharya *et al.* (2004). It should be removed from the Gujarat list.

447. Tickell's Leaf Warbler: *Phylloscopus affinis*

Uncommon winter visitor or passage migrant? Saurashtra (Akhtar & Tiwari 1994, Ganpule 2015). Also possible in South Gujarat.

448. Sulphur-bellied Warbler: *Phylloscopus griseolus*

Common winter visitor. In South Gujarat and Saurashtra. Isolated records from Kachchh.

449. Hume's Leaf Warbler: *Phylloscopus humei*

Common winter visitor. In South Gujarat and Saurashtra. Probably widespread but overlooked.

450. Greenish Leaf Warbler: *Phylloscopus trochiloides*

Common winter visitor and autumn passage migrant. All over the state in suitable habitat.

451. Green Warbler: *Phylloscopus (trochiloides) nitidus*

Uncommon wintor visitor and passage migrant. All over the state in suitable habitat.

452. Large-billed Leaf Warbler: *Phylloscopus magnirostris*

Vagrant. In passage. Recent sighting from LRK (Ganpule 2015).

453. Western Crowned Warbler: *Phylloscopus occipitalis*

Rare winter visitor or passage migrant? In South Gujarat forests and Saurashtra. Specimen from Gir (FMNH). Many isolated records.

454. Tytler's Leaf Warbler: *Phylloscopus tytleri*

Rare winter visitor/ passage migrant. In South Gujarat forests (Ali 1955), but this location is now in Maharashtra. Included here based on recent sighting from Morbi (Ganpule 2015). Could occur in South Gujarat forests.

Sylvia Warblers (Plate 156)

455. Lesser Whitethroat: *Sylvia curruca*

Common winter visitor. In arid and scrub areas of Kachchh and Saurashtra. Also in Gujarat.

456. Desert Whitethroat: *Sylvia (curruca) minula*

Common to uncommon winter visitor. In arid and desert areas of Kachchh and Saurashtra.

457. Hume's Whitethroat: *Sylvia althaea*

Common winter visitor. All over the state in suitable habitat.

458. Orphean Warbler: *Sylvia hortensis*

Common to uncommon winter visitor. In arid and scrub areas in Saurashtra and Kachchh. Uncommon in Gujarat.

459. Asian Desert Warbler: *Sylvia nana*

Uncommon winter visitor. In desert areas of LRK and GRK. Isolated records from Jamnagar district. May occur elsewhere also.

460. Common Whitethroat: *Sylvia communis*

Common to uncommon passage migrant. In Kachchh and Saurashtra. Rare in Gujarat.

Babblers, Scimitar Babbler, Fulvetta (Plate 157-164, 172, 176)

461. Puff-throated Babbler: *Pallorneum ruficeps*

Uncommon resident. In forest belt of Gujarat. Rare / absent elsewhere.

462. Tawny bellied Babbler: *Dumetia hyperythra*

Common resident. In South and Central Gujarat. Rare in Kachchh. Uncommon in Saurashtra.

463. Indian Scimitar-Babbler: *Pomatorhinus horsfieldii*

Uncommon to rare resident. In South to North Gujarat forests. Isolated record from Gir NP.

464. Common Babbler: *Turdoides caudata*

Very common resident. All over the state.

465. Striated Babbler: *Turdoides earlei*

Rare resident? Could be occurring in Kachchh. Eggs from Baroda in WFVZ collection (it needs to be re-checked) and included here on this basis. May be revised in the future. No photos of this species from Gujarat on birding websites (OBI, INW, IBC). Possibly overlooked.

466. Large Grey Babbler: *Turdoides malcolmi*

Very common resident. All over the state.

467. Jungle Babbler: *Turdoides striata*

Common resident. All over the state.

468. Brown-cheeked Fulvetta: *Alcippe poioicephala*

Uncommon to rare resident. In South Gujarat forests. Vagrant elsewhere.

469. Yellow-eyed Babbler: *Chrysomma sinense*

Uncommon resident. All over the state but with scattered sightings.

White-eye, Nuthatches and Creeper (Plate 177 - 180)

470. Oriental White-eye: *Zosterops palpebrosus*

Common resident. In Gujarat and South Gujarat. In Gir NP, Jamnagar, Porbandar in Saurashtra. Probably rare in Kachchh. Rather widespread.

471. Indian Nuthatch: *Sitta castanea*

Uncommon to rare resident. In forest belt in Gujarat.

472. Velvet-fronted Nuthatch: *Sitta frontalis*

Uncommon resident. In forest belt in Gujarat.

473. Spotted Creeper: *Salpornis spilonotus*

Rare resident. In Central Gujarat forests. Vagrant in Gir NP.

Mynas and Starlings (Plate 182, 183)

474. Jungle Myna: *Acridotheres fuscus*

Uncommon resident / migrant. South Gujarat. In Gir NP in Saurashtra. Vagrant in Kachchh.

475. Bank Myna: *Acridotheres ginginianus*

Very common resident. Common all over the state in good numbers.

476. Common Myna: *Acridotheres tristis*

Very common resident. Common all over the state in good numbers.

477. Asian Pied Starling: *Gracupia contra*

Rare / Vagrant. Sightings from Jamnagar and South Gujarat (Monga & Naoroji 1983) (possible escapees). Many isolated records and not all could be escapees. Breeding record from Dahod. Included here since opinion is divided. May be revised in the future.

478. Chestnut-tailed Starling: *Sturnia malabarica*

Uncommon resident. Scattered sightings from Gujarat area, South Gujarat forests and Gir NP areas.

479. Blyth's Starling: *Sturnia (malabarica) blythii*

Rare resident? South Gujarat forests. Isolated records from other parts of the state (Patel 2003, Parasharya *et al.* 2003). Breeding recorded in many areas.

480. Brahminy Starling: *Sturnia pagodarum*

Very common resident. All over the state in good numbers.

481. Rosy Starling: *Pastor roseus*

Very common winter visitor. Common all over Saurashtra and Kachchh. Also in Gujarat.

482. Common Starling: *Sturnus vulgaris*

Uncommon winter visitor. Sightings from Jamnagar, Gir NP in Saurashtra. Also LRK and GRK. From Thol BS in Gujarat and scattered elsewhere. Regular in Nalsarovar BS. Scattered records. from elsewhere.

Whistling Thrush and Thrushes (Plate 184 – 188)

483. Malabar Whistling Thrush: *Mypohonus horsfieldii*

Uncommon resident. In forest belt from North to South Gujarat. Vagrant in Gir NP.

484. Orange-headed Thrush: *Zoothera citrina*

Rare resident. In South Gujarat forests. Vagrant elsewhere.

485. Indian Blackbird: *Turdus (merula) simillimus*

Uncommon resident. Also monsoon migrant? In forest belt from North Gujarat to South Gujarat and in Gir NP.

486. Tickell's Thrush: *Turdus unicolor*

Rare winter visitor. Recent isolated records from Ratanmahal WLS (Deomurari 2012), Gir NP, Vansada NP, from Kachchh (Bagda 2016).

487. Eyebrowed Thrush: *Turdus obscurus*

Vagrant. In Kachchh and Suarashtra. Recent records from Kachchh and Gir NP (Bagda 2015).

488. Black-throated Thrush: *Turdus atrogularis*

Vagrant. In Kachchh [Ali (1945), also listed in Butler (1879) from Kachchh].

489. Mistle Thrush: *Turdus viscivorus*

Vagrant. Recently photographed in Kachchh (Mishra 2015).

490. Fieldfare: *Turdus pilaris*

Vagrant. Sighting from North Gujarat (Joshua *et al.* 2005). Photo not given.

Chats, Robins, Shama and Redstart (Plate 190, 191, 192)

491. Bluethroat: *Luscinia svecica*

Common winter visitor. All over the state in suitable habitat.

492. Siberian Rubythroat : *Luscinia calliope*

Vagrant. Winter. Recently photographed in Gir NP (De Souza & De Souza 2014).

493. Indian Blue Robin: *Luscinia brunnea*

Vagrant. Or rare passage migrant? Sighting from Saurashtra, recent record from Gir NP area and a few sightings in Gujarat (Mashru 2014).

494. Rufous-tailed Scrub Robin: *Cercotrichas galactotes*

Common to uncommon autumn passage migrant. In Kachchh and Saurashtra. Rare in Gujarat. Fairly common in Kachchh during passage.

495. Oriental Magpie Robin: *Copsychus saularis*

Common resident. In Gujarat and South Gujarat areas. Common in Gir NP but generally uncommon in other areas of Saurashtra. Vagrant in Kachchh.

496. White-rumped Shama: *Copsychus malabaricus*

Uncommon resident. In forests in Gujarat. Vagrant in Gir NP.

497. Indian Robin: *Saxicoloides fulicatus*

Common resident. Very common in all parts of the state.

498. Black Redstart: *Phoenicurus ochrurus*

Common winter visitor. All over the state.

Bushcahts and Stonechats (Plate 195)

499. Stoliczka's Bushchat: *Saxicola macrorhynchus*

Uncommon to rare winter visitor. Mainly Kachchh. Scattered records from other areas in Saurashtra like Velavadar NP, Positra (MNP).

500. Common Stonechat: *Saxicola torquatus*

Common winter visitor. Common all over the state.

501. Pied Bushchat: *Saxicola caprata*

Common winter visitor. Common all over the state.

Wheatears, Rock Chat and Rock Thrushes (Plate 196, 197)

502. Isabelline Wheatear: *Oenanthe isabellina*

Common winter visitor. In arid and semi desert areas of Saurashtra and Kachchh. Uncommon in Gujarat.

503. Northern Wheatear: *Oenanthe oenanthe*

Vagrant. Recent sightings from LRK (Vyas 2009), but this record disputed (Damle & Inskipp 2014). Included here based on a photographic record in December 2011 from Banni, Kachchh (Francis 2014). Details need to be re-checked.

504. Red-tailed Wheatear: *Oenanthe chrysopygia*

Uncommon winter visitor. Mainly Kachchh and LRK.

505. Desert Wheatear: *Oenanthe deserti*

Common winter visitor. In desert and arid areas of Saurashtra and Kachchh. Also in Gujarat.

506. Variable Wheatear: *Oenanthe picata*

Common winter visitor. In Kachchh and Saurashtra. Uncommon in Gujarat.

picata: common winter visitor, widespread.

capistrata: uncommon winter visitor, mainly GRK and LRK.

opistholeuca: rare winter visitor, with scattered sightings from LRK, GRK, Jamnagar.

****Hooded Wheatear:** *Oenanthe monacha*

Vagrant. Recent sighting from Kachchh (Varu 2009). The photos of this bird are posted on the net. See http://kavisuman.com/gallery/thumbnails.php?album=88. This was re-checked by experts and found to be a Variable Wheatear with an unusual tail pattern (Praveen J, *pers. comm*., by email). Hence it should not be included in the Gujarat list.

507. Hume's Wheatear: *Oenanthe albonigra*

Vagrant. Sighting from Kachchh (Grimmett *et al*. 2011). However details of this record could not be traced. Isolated record given in Rasmussen & Anderton (2012). Hence included here.

508. Brown Rock Chat: *Cercomela fusca*

Common resident. In Kachchh. Uncommon in Saurashtra. Rare in Gujarat.

509. Blue Rock Thrush: *Monticola solitarius*

Uncommon winter visitor. In suitable habitat all over the state.

510. Rufous-tailed Rock Thrush: *Monticola saxatilis*

Vagrant/Rare passage migrant? In Kachchh (Mishra 2015a, Chudasama 2016).

511. Blue-capped Rock Thrush:
Monticola cinclorhynchus

Uncommon winter visitor. In South Gujarat and Gir NP. Rare in Kachchh.

Flycatchers (Plate 198-203)

512. Spotted Flycatcher: *Muscicapa striata*

Autumn passage migrant. In Saurashtra and Kachchh. Rare in South Gujarat.

513. Asian Brown Flycatcher *Muscicapa dauurica*

Common to uncommon winter visitor. Isolated breeding records. Common in South Gujarat. Also in Gir NP. Breeds in Gujarat, with report from Gir NP of its breeding. Probably breeding in other parts of the state, but detailed study required.

514. Brown-breasted Flycatcher: *Muscicapa muttui*

Rare passage migrant and winter visitor. Recently documented in Kachchh and in Gir NP area where it is regular. Isolated records from Jamnagar and other areas of Saurashtra. Specimen from Gir (FMNH).

515. Rusty-tailed Flycatcher: *Muscicapa ruficauda*

Vagrant (passage migrant). Single sighting shown from Gujarat in Grimmett *et al.* (2011), the details of which could not be traced. Recent record from Morbi (Ganpule 2014).

516. Red-breasted Flycatcher: *Ficedula parva*

Common winter visitor. All over the state.

517. Taiga Flycatcher: *Ficedula albicilla*

Uncommon winter visitor and passage migrant. In South Gujart, Gir NP, also in other areas of Saurashtra. Isolated records from forest areas of the state.

518. Kashmir Flycatcher: *Ficedula subrubra*

Rare winter visitor. Saurashtra. Possible in South Gujarat. Recent sightings from Morbi (Ganpule 2014a) and Rajkot. Could be occurring elsewhere.

519. Ultramarine Flycatcher: *Ficedula superciliaris*

Uncommon to rare winter visitor. Scattered sightings from Saurashtra, Kachchh and North Gujarat (Mashru 2012). Isolated records from many parts of the state.

520. Verditer Flycatcher: *Eumyias thalassinus*

Common to uncommon winter visitor. Scattered all over the state with sightings from Kachchh, Saurashtra and Gujarat.

521. Tickell's Blue Flycatcher: *Cyornis tickelliae*

Common resident. In South Gujarat, Gir NP area and other areas in Saurashtra. Uncommon in Kachchh.

522. Blue-throated Flycatcher: *Cyornis rubeculoides*

Vagrant. Sighting from Morbi in Saurashtra (Ganpule 2009).

523. Grey-headed Canary Flycatcher:
Culicicapa ceylonensis

Common to uncommon winter visitor. Scattered all over the state with sightings from Kachchh, Saurashtra and Gujarat (Parasharya & Rank 2004).

Leafbirds and Flowerpeckers (Plate 205, 206)

524. Jerdon's Leafbird: *Chloropsis jerdoni*
Uncommon resident. In forests from North to South Gujarat. Absent elsewhere.

525. Golden-fronted Leafbird: *Chloropsis aurifrons*
Uncommon resident. In forests from North to South Gujarat. Absent elsewhere.

526. Thick-billed Flowerpecker: *Dicaeum agile*
Common resident. In forests of Gujarat and in Gir NP in Saurashtra. Scattered records from other areas.

527. Pale-billed Flowerpecker: *Dicaeum erythrorhynchos*
Common resident. In forests of Gujarat. Also in Gir NP area.

Sunbirds (Plate 208, 209)

528. Purple-rumped Sunbird: *Leptocoma zeylonica*
Uncommon resident. South Gujarat forests, also other forested areas up to North Gujarat. Not very common.

529. Crimson-backed Sunbird: *Leptocoma minima*
Vagrant / Rare resident? In South Gujarat forests. Very few sightings (Mukesh Bhatt, *pers. comm.*).

530. Purple Sunbird: *Cinnyris asiaticus*
Common resident. In all parts of the state.

****Loten's Sunbird:** *Cinnyris lotenia*
Vagrant. Said to occur but no photos (OBI, INW, IBC etc.) or published records. Probable in South Gujarat forests.

531. Vigor's Sunbird: *Aethopyga (siparaja) vigorsii*
Common resident. In forests from North Gujarat to South Gujarat (Deomurari 2010).

Sparrows, Pertonia & Rock Sparrow (Plate 210, 211)

532. House Sparrow: *Passer domesticus*
Common resident. In all parts of the state. Fairly common but declining in some areas.

533. Spanish Sparrow: *Passer hispaniolensis*
Vagrant. Winter. A recent sighting from Kachchh (Pamela Rasmussen, eBird). No photograph available.

534. Sind Sparrow: *Passer pyrrhonotus*
Vagrant. In Kachchh (Bapat 1993). No recent sightings but could be occurring.

535. Chestnut-shouldered Petronia:
Gymnoris xanthocollis
Common resident. In all parts of the state.

536. Pale Rock Sparrow: *Carpospiza brachydactyla*
Vagrant. Winter. Recently discovered in Kachchh (Tiwari 2012) in flock of about 100-200 birds. Seen only in one season and not noted since then.

Weavers and Silverbill (Plate 212)

537. Black-breasted Weaver: *Ploceus benghalensis*
Uncommon resident. In Saurashtra and Gujarat. Scattered sightings and records in Saurashtra. Rare in Kachchh.

538. Streaked Weaver: *Ploceus manyar*
Rare resident. Scattered in North Gujarat and in Kachchh.

539. Baya Weaver: *Ploceus philippinus*
Common resident. In all parts of the state. Fairly common.

540. Indian Silverbill: *Euodice malabarica*
Common resident. In all parts of the state.

Avadavats and Munias (Plate 213)

541. Red Avadavat: *Amandava amandava*
Common to uncommon resident. In South and Central Gujarat. Near Rajkot in Saurashtra. Scattered elsewhere.

542. Green Avadavat: *Amandava formosa*
Rare resident. In North Gujarat (near Mt Abu). Also in Rajpipla forest (Monga & Naoroji 1983). Unconfirmed Sightings from Barda area near Porbandar (Jaypalsinh Jadeja, *pers. comm*).

543. White-rumped Munia: *Lonchura striata*
Uncommon resident. In South Gujarat.

544. Scaly-breasted Munia: *Lonchura punctulata*
Common resident. In Gujarat, South Gujarat. In Gir NP and other parts of Saurashtra. Also in Kachchh. Fairly widespread.

545. Black-headed Munia: *Lonchura malacca*
Uncommon resident. In South Gujarat. Scattered records and sightings from Saurashtra and Kachchh.

Wagtails (Plate 215, 216)

546. Yellow Wagtail: *Motacilla flava*
Common winter visitor. In all parts of the state in suitable habitat.

****Eastern Yellow Wagtail:** *Motacilla (flava) tschutschensis*
Vagrant. A single sighting from Kachchh (S.N.Varu, photo on OBI) is most probably this species, but identification could not be confirmed. Could occur.

547. Citrine wagtail: *Motacilla citreola*
Common winter visitor. In all parts of the state in suitable habitat.

548. Forest Wagtail: *Dendronanthus indicus*
Uncommon to rare winter visitor. In South Gujarat. Rare in Saurashtra area with sightings from Gir NP, Jamnagar and other scattered records. Vagrant in Kachchh.

549. Grey Wagtail: *Motacilla cinerea*
Uncommon winter visitor. In all parts of the state in suitable habitat.

550. White Wagtail: *Motacilla alba*
Common winter visitor. In all parts of the state in suitable habitat.

551. White-browed Wagtail: *Motacilla maderaspatensis*
Common resident. In all parts of the State in suitable habitat.

Pipits (Plate 217, 218)

552. Richard's Pipit: *Anthus richardi*
Rare or vagrant? Winter. Sightings from Gir NP (Bagda 2015a) and Amreli (Viral Joshi, *pers.comm*) in Saurashtra. Sighting near Porbandar (*pers. observ*.) Probably overlooked due to identification difficulties.

553. Paddyfield Pipit: *Anthus rufulus*
Common resident. Fairly common all over the state.

554. Tawny Pipit: *Anthus campestris*
Common winter visitor. In Kachchh and Saurashtra. Uncommon in South Gujarat.

555. Blyth's Pipit: *Anthus godlewskii*
Uncommon winter visitor. In Saurashtra (Akhtar & Tiwari 1994), Gujarat and South Gujarat.

556. Long-billed Pipit: *Anthus similis*
Common winter visitor. In Saurashtra and Kachchh. Uncommon in South Gujarat.

557. Tree Pipit: *Anthus trivialis*
Common winter visitor. In Gujarat and Saurashtra. Rare in Kachchh.

558. Olive-backed Pipit: *Anthus hodgsoni*
Uncommon winter visitor. In South Gujarat. Rare in Saurashtra but reported from Gir NP and scattered records from elsewhere.

559. Rosy Pipit: *Anthus roseatus*
Vagrant. In Saurashtra (Ali 1955).

560. Red-throated Pipit: *Anthus cervinus*
Vagrant or rare winter visitor? In Saurashtra (Dharmukumarsinhji 1976). Recent record from Kachchh (Deomurari 2009).

561. Water Pipit: *Anthus spinoletta*
Vagrant or rare winter visitor? Historical records (Ali 1955). Recently recorded in Kachchh (Sørenson & Tiwari 2009).

Finches and Rosefinch (Plate 220, 221)

562. Trumpeter Finch: *Bucanetes githagineus*

Rare winter migrant. In Kachchh only. Irregular sightings of small flocks. Rather erratic. Many images from Kachchh on OBI and INW.

563. Mongolian Finch: *Eremopsaltria mongolica*

Vagrant. Kachchh. Sighting in GRK (Ganpule 2013a).

564. Common Rosefinch: *Carpodacus erythrinus*

Common to uncommon winter visitor. In Gujarat and Saurashtra. Uncommon in Kachchh with scattered sightings.

Buntings (Plate 224, 225, 226)

565. Crested Bunting: *Melophus lathami*

Common to uncommon resident. In South to North Gujarat and in Gir NP in Saurashtra. Scattered elsewhere in the state.

566. Rock Bunting: *Emberiza cia*

Vagrant. A breeding record from Kachchh (Soni & Joshua 2013), disputed by Varu (2013). A recent sight record from Mt. Abu, near Gujarat border (Sangha & Devarshi 2007), but breeding record doubtful. Recent records in winter (Rajni Trivedi, *pers.comm*, in print), hence included.

567. White-capped Bunting: *Emberiza stewarti*

Rare winter visitor. In Saurashtra (Shivrajkumar 1963, Khachar & Mundkur 1988) and Kachchh. Recent record from Jamnagar (Deomurari 2009). Record from Nalsarovar (Rajni Trivedi, photo available). Could be occurring elsewhere.

568. Striolated Bunting: *Emberiza striolata*

Common resident. Mainly in Kachchh and Saurashtra.

569. Grey-necked Bunting: *Emberiza buchanani*

Common winter visitor. In Kachchh and Saurashtra. Uncommon in Gujarat.

570. Chestnut-eared Bunting: *Emberiza fucata*

Vagrant. In Kachchh [Ali (1945) with reference to sightings by C.D.Lester].

571. Little Bunting: *Emberiza pusilla*

Vagrant. In Saurashtra (Khachar 1996).

572. Black-headed Bunting: *Emberiza melanocephala*

Common winter visitor. In Kachchh, Saurahstra and Gujarat.

573. Red-headed Bunting: *Emberiza bruniceps*

Common to uncommon winter visitor. In Kachchh, Saurashtra and Gujarat.

574. Ortolan Bunting: *Emberiza hortulana*

Vagrant. In Saurashtra and Kachchh (Dharmakumarsinhji 1977, 1983). Four birds ringed in Hingolgadh (Mclure & Porntip 1972). A recent record from Velavadar NP (Robson 2002). Multiple records.

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